Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE102319\
Data File : BE100664.D
Acq On : 23 Oct 2019 16:38
Operator : JU
Sample : PB124100BSD
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PB124100BSD

Quant Time: Oct 23 18:20:48 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 23 16:49:33 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	4022	0.40	ng		0.00
7) Naphthalene-d8	10.63	136	16310	0.40	ng		0.00
13) Acenaphthene-d10	14.47	164	9031	0.40	ng		0.00
19) Phenanthrene-d10	17.20	188	19477	0.40	ng		0.00
27) Chrysene-d12	21.35	240	20102	0.40	ng		0.00
34) Perylene-d12	23.83	264	29058	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.45	112	3952	0.32	ng		0.00
5) Phenol-d6	7.01	99	5815	0.33	ng		0.00
8) Nitrobenzene-d5	8.99	82	3788	0.37	ng		0.00
11) 2-Methylnaphthalene-d10	12.22	152	9411	0.37	ng		0.00
14) 2,4,6-Tribromophenol	15.94	330	949	0.40	ng		0.00
15) 2-Fluorobiphenyl	13.10	172	9854	0.30	ng		0.00
25) Fluoranthene-d10	19.22	212	70408	0.28	ng		0.00
29) Terphenyl-d14	19.82	244	16829	0.38	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.40	88	1988	0.277	ng	#	73
3) n-Nitrosodimethylamine	3.70	42	2451	0.323	ng		90
6) bis(2-Chloroethyl)ether	7.28	93	5096	0.354	ng		97
9) Naphthalene	10.68	128	58952	0.344	ng		100
10) Hexachlorobutadiene	10.98	225	2484	0.333	ng		98
12) 2-Methylnaphthalene	12.30	142	9747	0.333	ng		98
16) Acenaphthylene	14.20	152	13930	0.358	ng		99
17) Acenaphthene	14.53	154	8484	0.338	ng		97
18) Fluorene	15.50	166	11296	0.339	ng		100
20) 4-Bromophenyl-phenylether	16.40	248	3472	0.350	ng		94
21) Hexachlorobenzene	16.52	284	3182	0.337	ng		98
22) Pentachlorophenol	16.85	266	1971	0.648	ng		97
23) Phenanthrene	17.24	178	18449	0.344	ng		99
24) Anthracene	17.32	178	16854	0.339	ng		99
26) Fluoranthene	19.25	202	21972	0.314	ng		100
28) Pyrene	19.61	202	22494	0.401	ng		99
30) Benzo(a)anthracene	21.34	228	22607	0.345	ng		100
31) Chrysene	21.39	228	22880	0.349	ng		100
32) Bis(2-ethylhexyl)phthalate	21.29	149	45115	0.329	ng		100
33) Indeno(1,2,3-cd)pyrene	26.44	276	39848	0.495	ng		100
35) Benzo(b)fluoranthene	23.07	252	27484	0.324	ng		100
36) Benzo(k)fluoranthene	23.12	252	28788	0.330	ng	#	96
37) Benzo(a)pyrene	23.72	252	28958	0.367	ng		99
38) Dibenzo(a,h)anthracene	26.46	278	33368	0.409	ng		100
39) Benzo(g,h,i)perylene	27.23	276	34059	0.415	ng		99

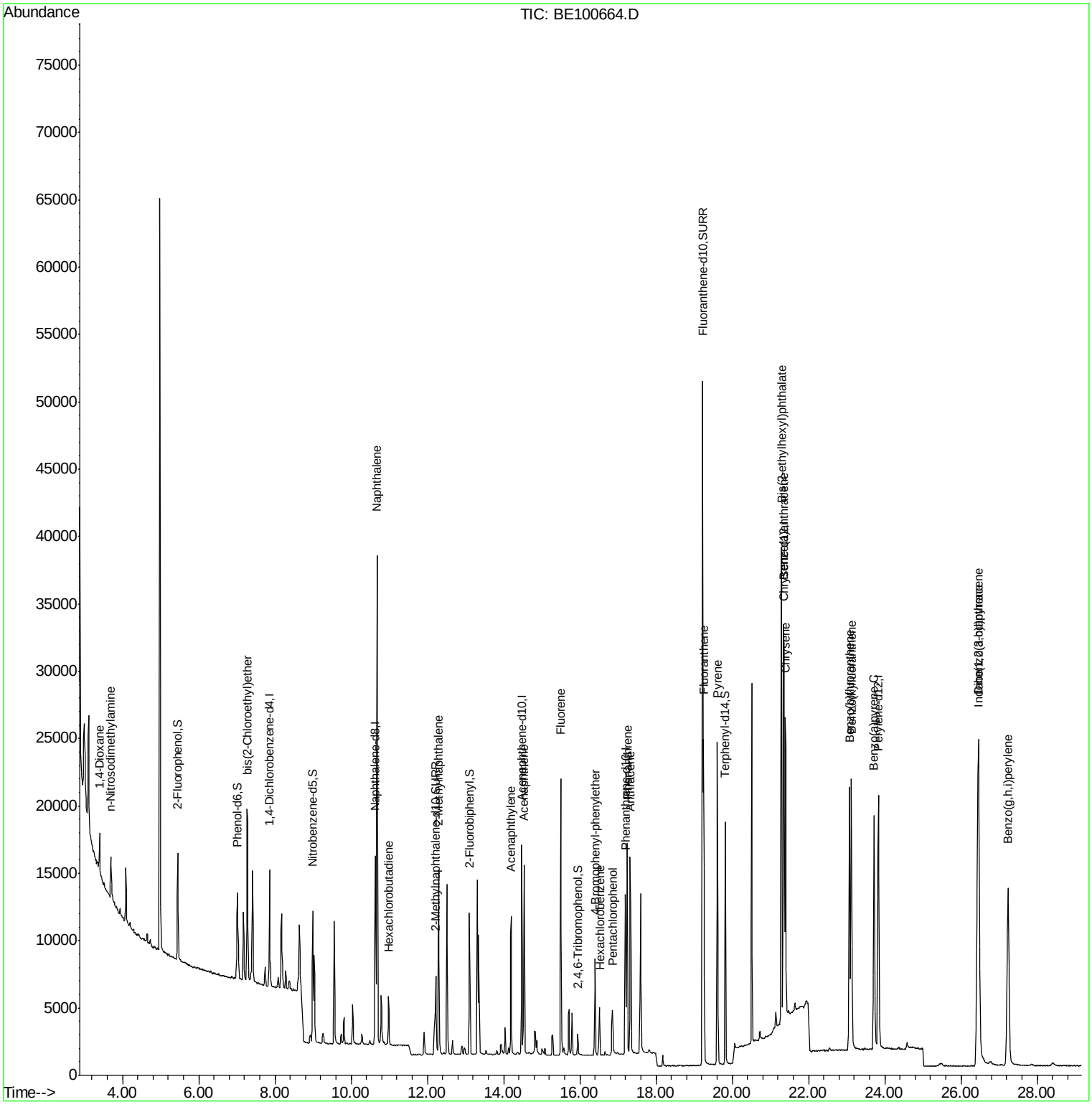
(#) = qualifier out of range (m) = manual integration (+) = signals summed

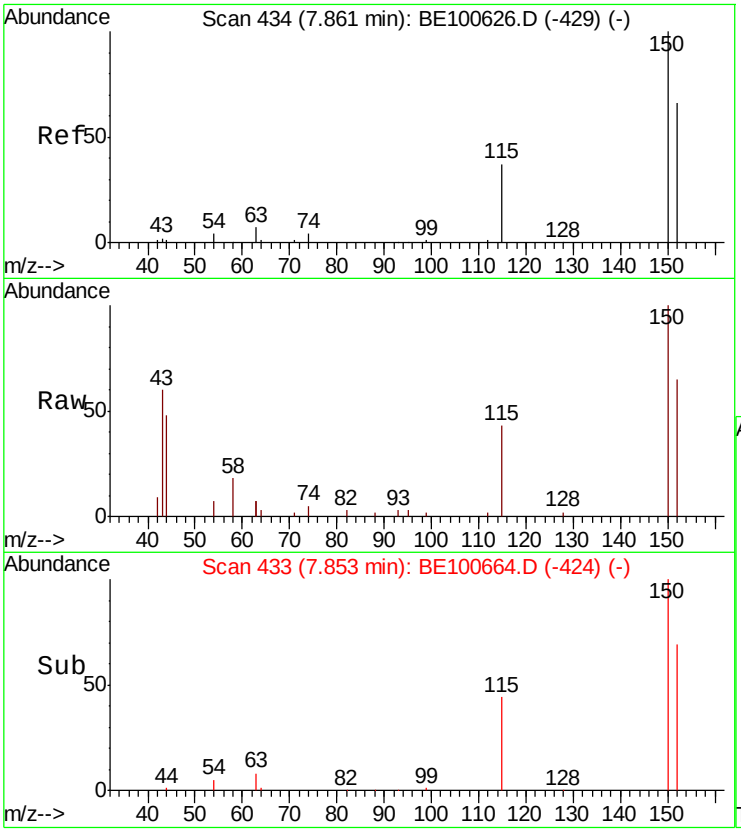
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE102319\
Data File : BE100664.D
Acq On : 23 Oct 2019 16:38
Operator : JU
Sample : PB124100BSD
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PB124100BSD

Quant Time: Oct 23 18:20:48 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 23 16:49:33 2019
Response via : Initial Calibration



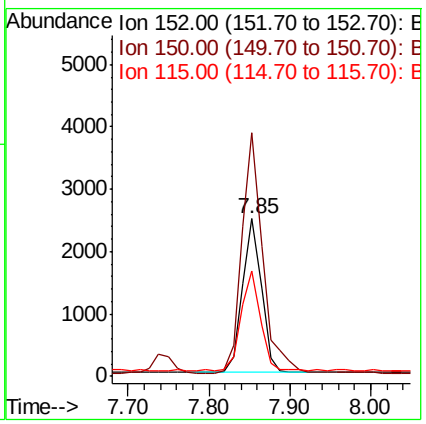


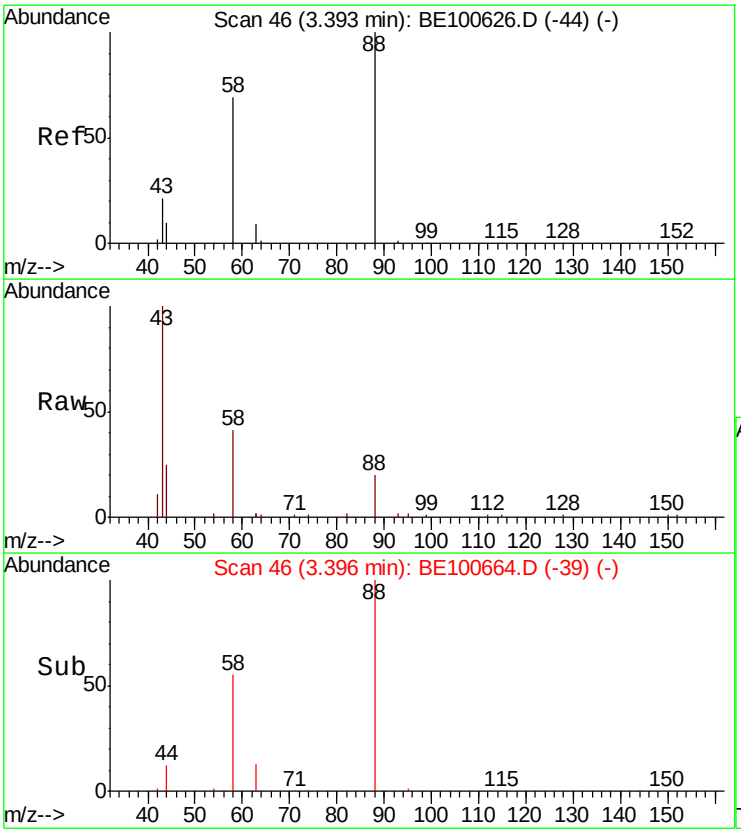
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.85 min Scan# 433
Delta R.T. 0.00 min
Lab File: BE100664.D
Acq: 23 Oct 2019 16:38

Instrument :
BNA_E
ClientSampleId :
PB124100BSD

Tgt Ion:152 Resp: 4022

Ion	Ratio	Lower	Upper
152	100		
150	154.3	123.3	184.9
115	66.8	51.9	77.9

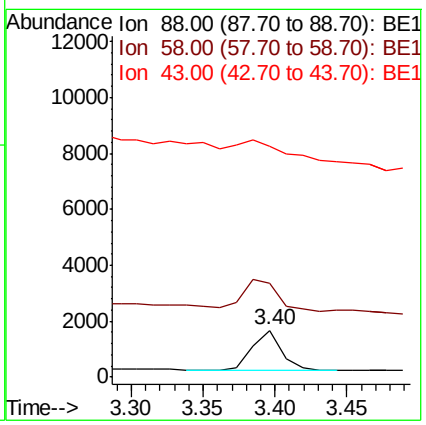


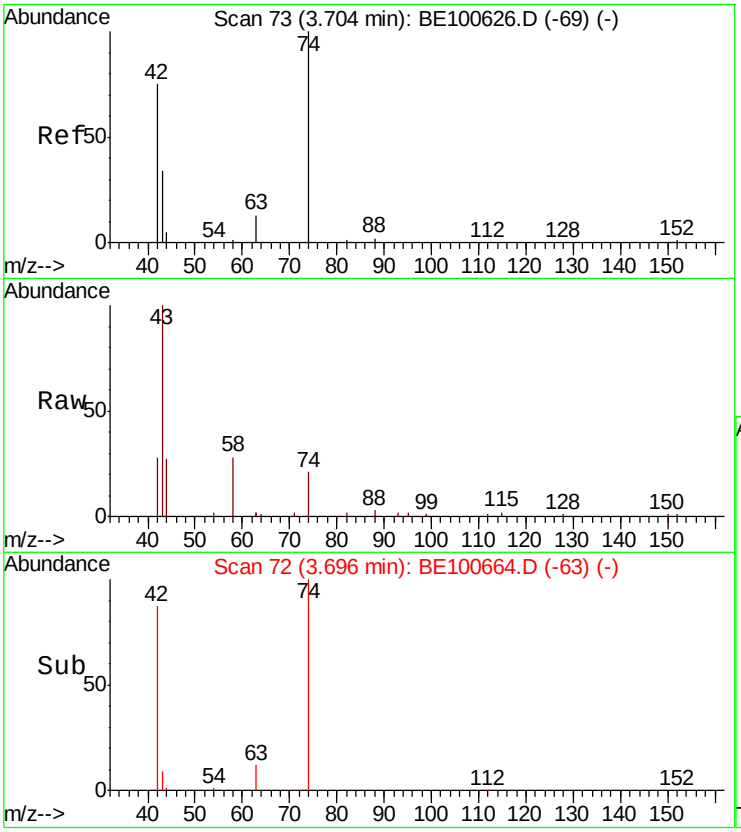


#2
1,4-Dioxane
Concen: 0.277 ng
RT: 3.40 min Scan# 46
Delta R.T. 0.01 min
Lab File: BE100664.D
Acq: 23 Oct 2019 16:38

Tgt Ion: 88 Resp: 1988

Ion	Ratio	Lower	Upper
88	100		
58	87.5	59.8	89.6
43	0.0	24.6	36.8#



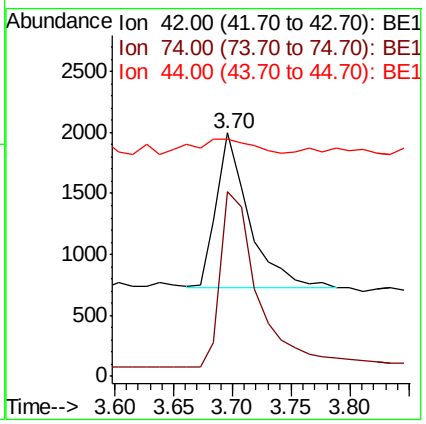


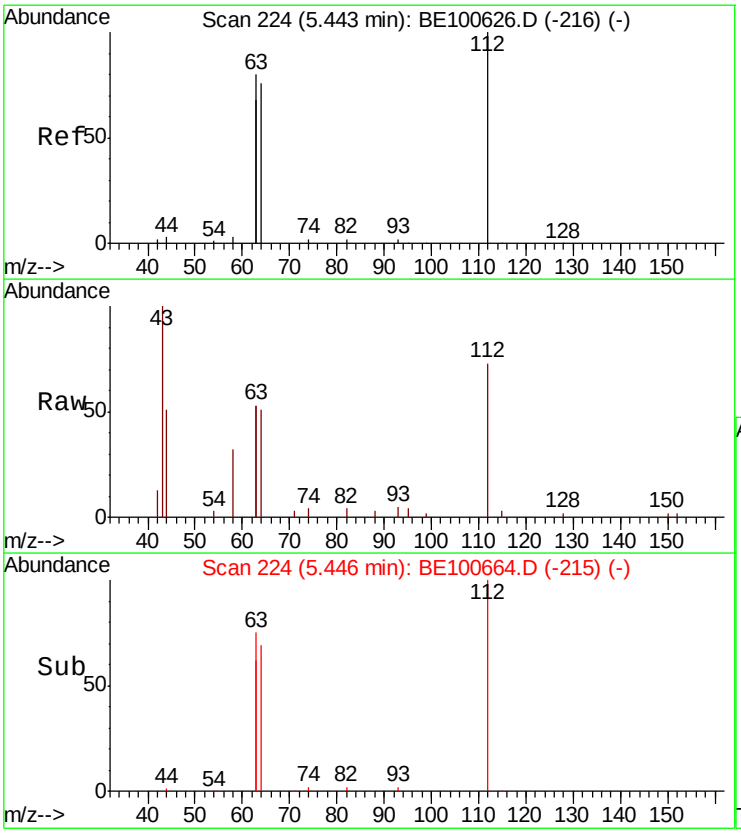
#3
n-Nitrosodimethylamine
Concen: 0.323 ng
RT: 3.70 min Scan# 72
Delta R.T. 0.00 min
Lab File: BE100664.D
Acq: 23 Oct 2019 16:38

Instrument :
BNA_E
ClientSampleId :
PB124100BSD

Tgt Ion: 42 Resp: 2451

Ion	Ratio	Lower	Upper
42	100		
74	132.9	97.2	145.8
44	17.3	16.6	24.8

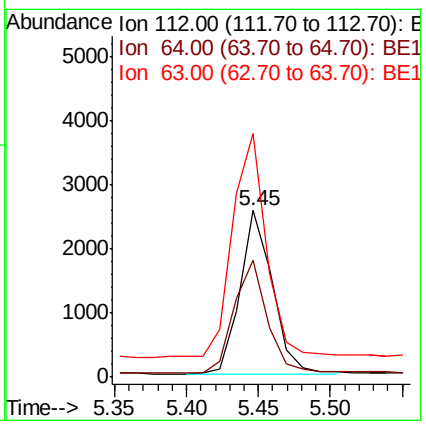


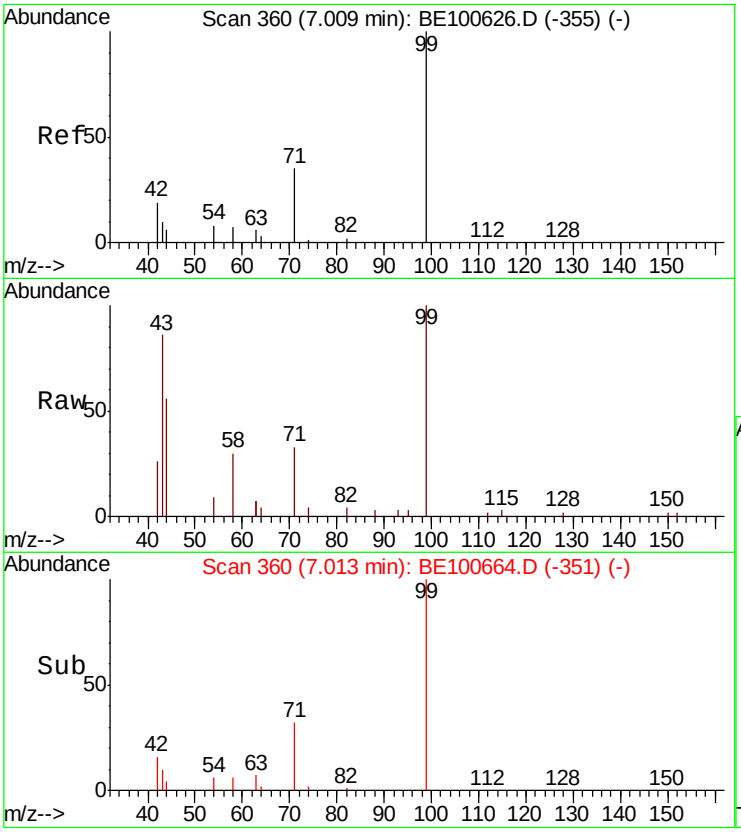


#4
2-Fluorophenol
Concen: 0.318 ng
RT: 5.45 min Scan# 224
Delta R.T. 0.00 min
Lab File: BE100664.D
Acq: 23 Oct 2019 16:38

Tgt Ion:112 Resp: 3952

Ion	Ratio	Lower	Upper
112	100		
64	70.8	55.4	83.2
63	144.4	114.2	171.4



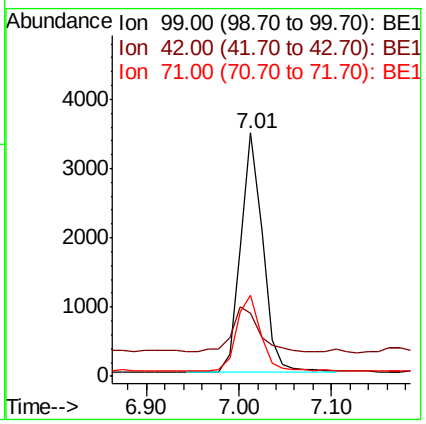


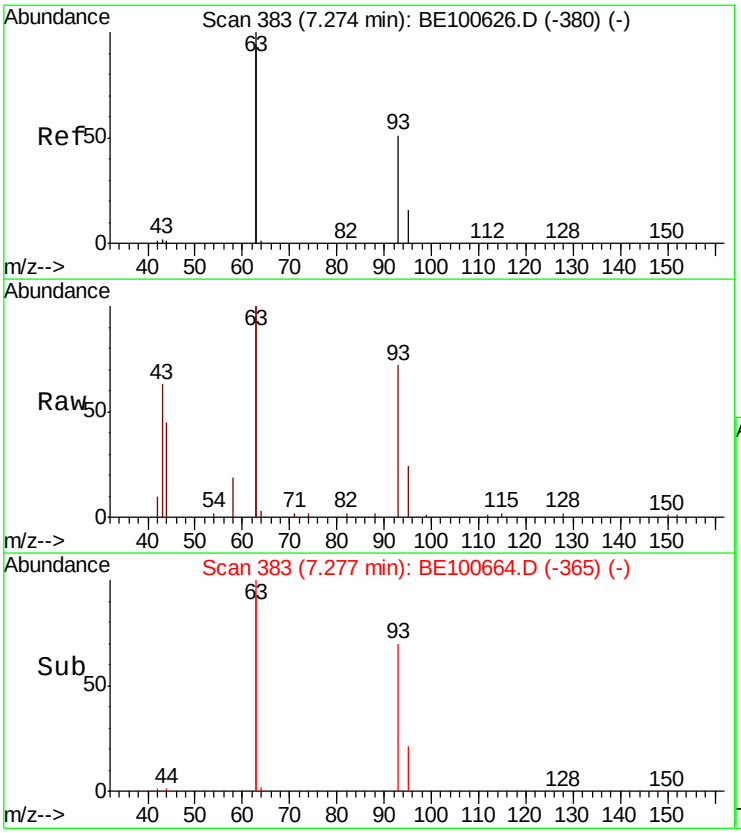
#5
Phenol-d6
Concen: 0.332 ng
RT: 7.01 min Scan# 360
Delta R.T. 0.00 min
Lab File: BE100664.D
Acq: 23 Oct 2019 16:38

Instrument :
BNA_E
ClientSampleId :
PB124100BSD

Tgt Ion: 99 Resp: 5815

Ion	Ratio	Lower	Upper
99	100		
42	22.3	17.7	26.5
71	33.7	27.4	41.0

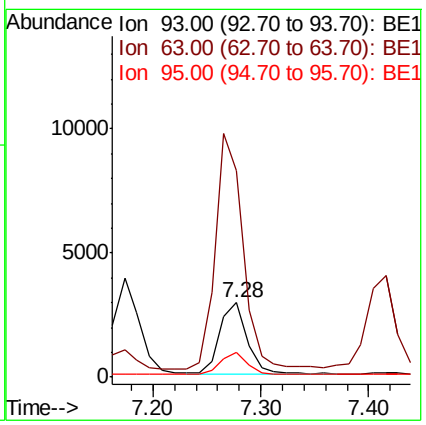


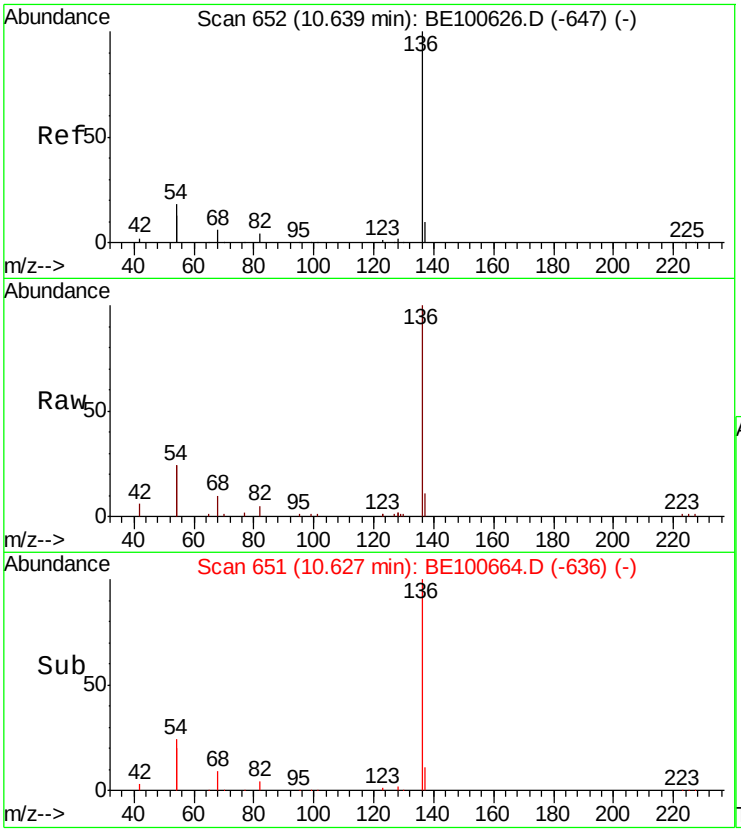


#6
bis(2-Chloroethyl)ether
Concen: 0.354 ng
RT: 7.28 min Scan# 383
Delta R.T. 0.00 min
Lab File: BE100664.D
Acq: 23 Oct 2019 16:38

Tgt Ion: 93 Resp: 5096

Ion	Ratio	Lower	Upper
93	100		
63	329.6	268.8	403.2
95	31.5	25.6	38.4



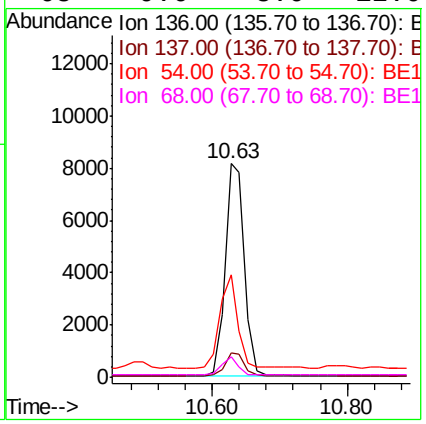


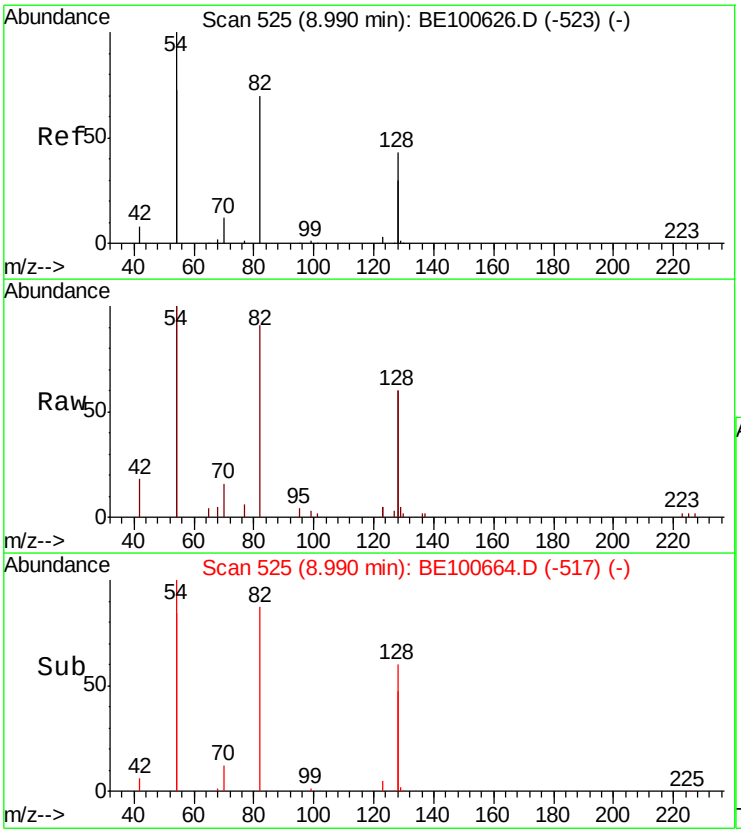
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.63 min Scan# 651
Delta R.T. -0.00 min
Lab File: BE100664.D
Acq: 23 Oct 2019 16:38

Instrument :
BNA_E
ClientSampleId :
PB124100BSD

Tgt Ion:136 Resp: 16310

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.2	13.8
54	48.1	39.4	59.2
68	9.6	8.0	12.0

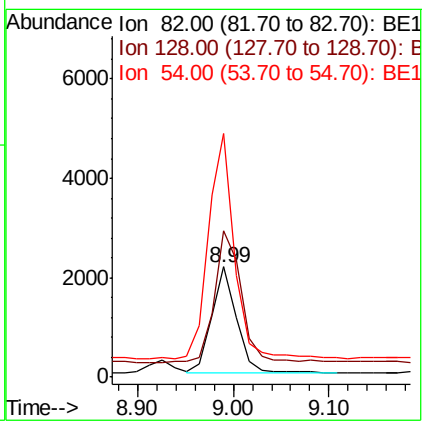


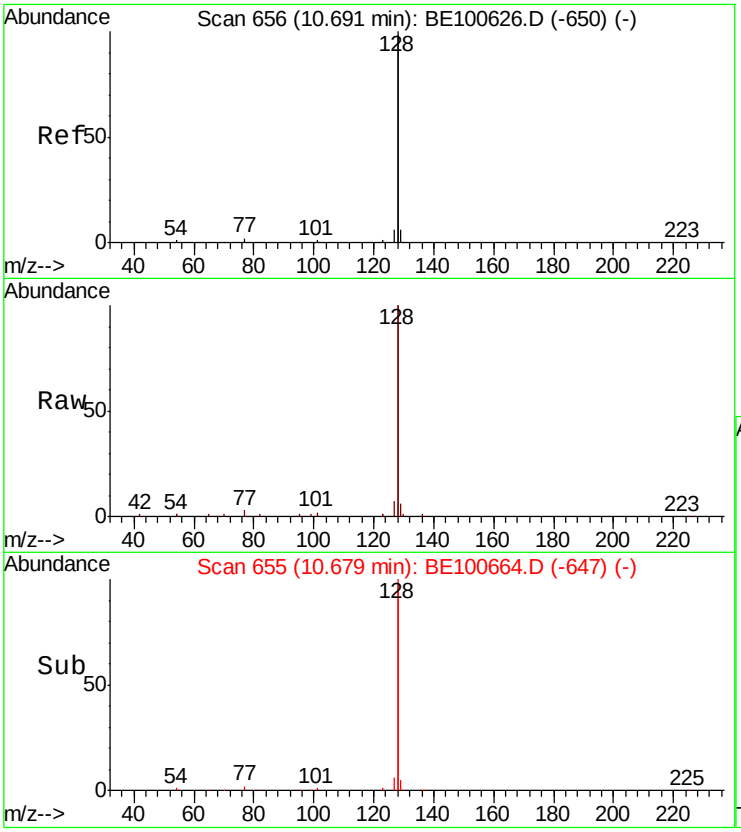


#8
Nitrobenzene-d5
Concen: 0.375 ng
RT: 8.99 min Scan# 525
Delta R.T. -0.00 min
Lab File: BE100664.D
Acq: 23 Oct 2019 16:38

Tgt Ion: 82 Resp: 3788

Ion	Ratio	Lower	Upper
82	100		
128	132.0	107.8	161.8
54	220.4	166.1	249.1



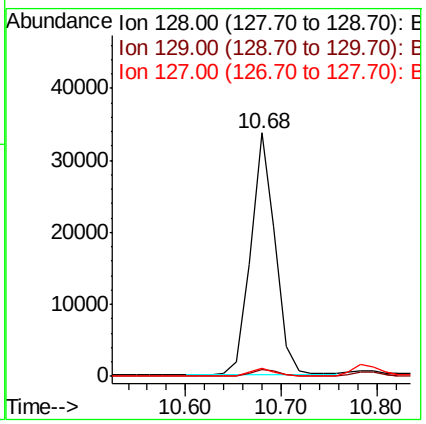


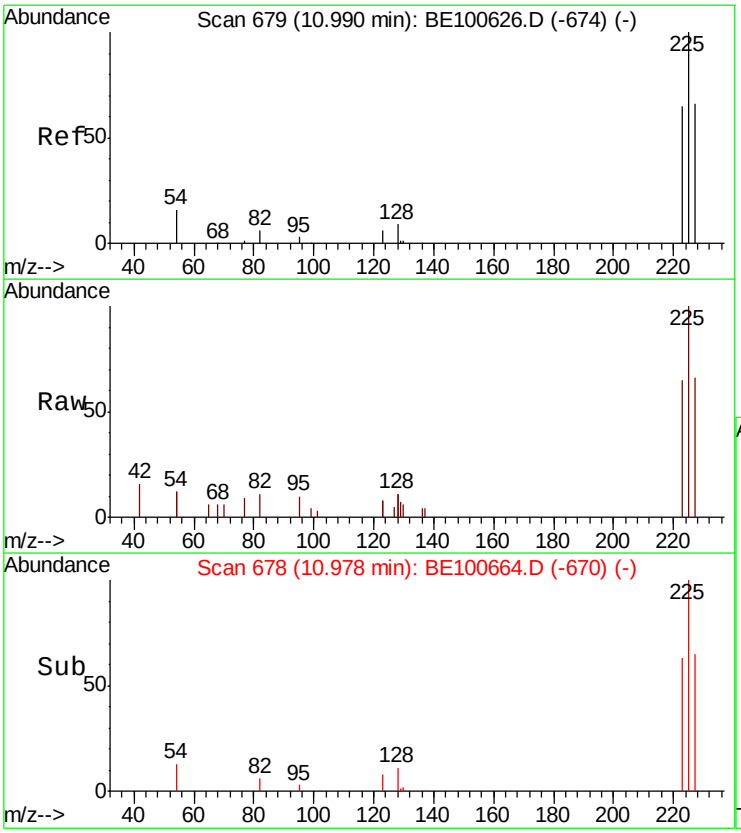
#9
Naphthalene
Concen: 0.344 ng
RT: 10.68 min Scan# 655
Delta R.T. -0.00 min
Lab File: BE100664.D
Acq: 23 Oct 2019 16:38

Instrument :
BNA_E
ClientSampleId :
PB124100BSD

Tgt Ion:128 Resp: 58952

Ion	Ratio	Lower	Upper
128	100		
129	2.9	2.3	3.5
127	3.3	2.7	4.1

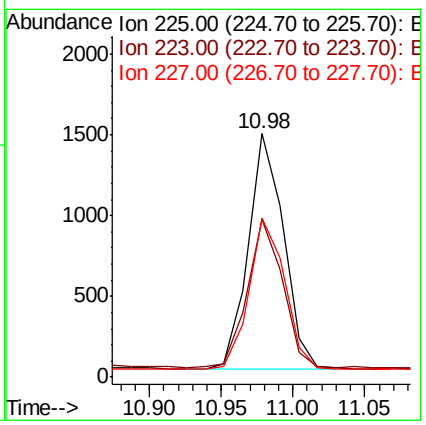


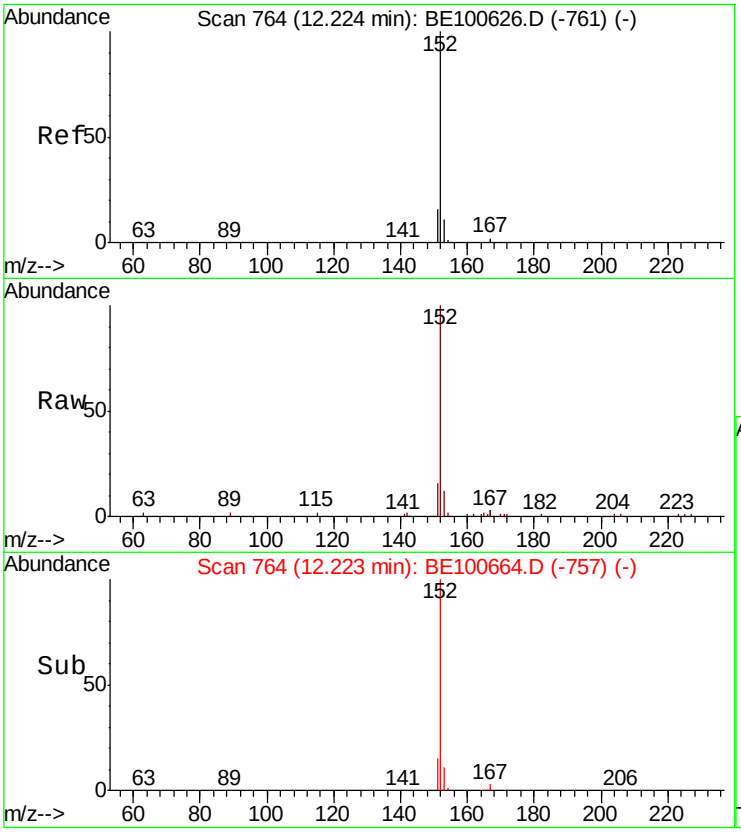


#10
Hexachlorobutadiene
Concen: 0.333 ng
RT: 10.98 min Scan# 678
Delta R.T. -0.00 min
Lab File: BE100664.D
Acq: 23 Oct 2019 16:38

Tgt Ion:225 Resp: 2484

Ion	Ratio	Lower	Upper
225	100		
223	62.8	48.6	72.8
227	65.5	51.6	77.4



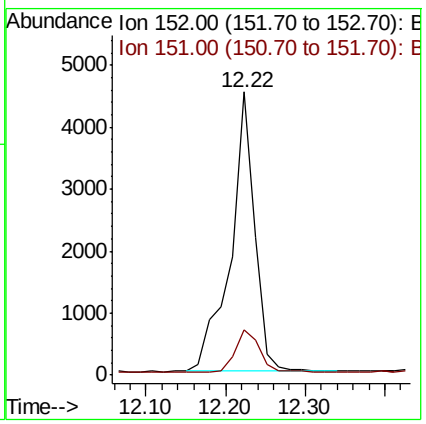


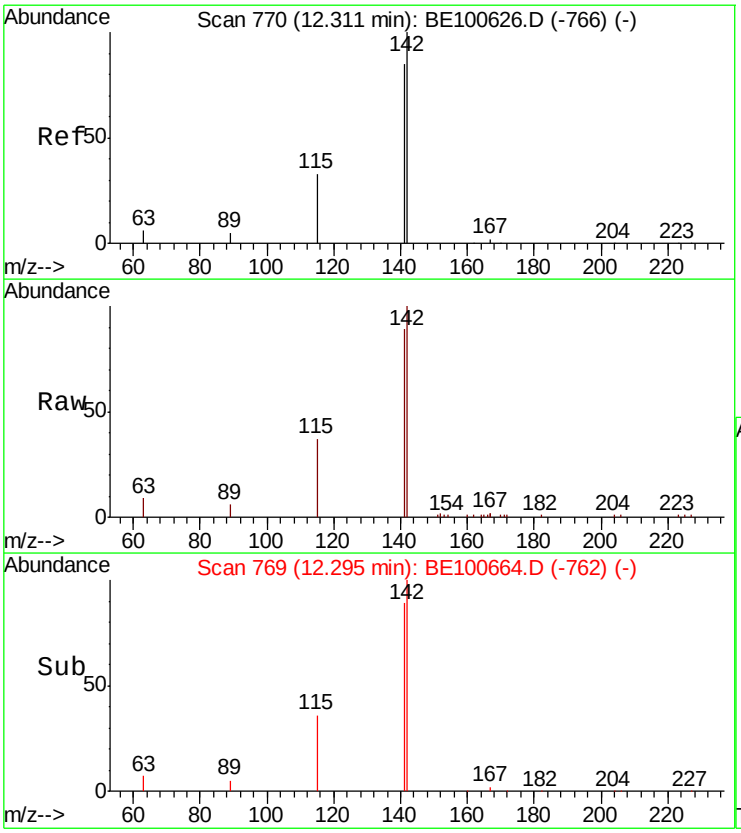
#11
2-Methylnaphthalene-d10
Concen: 0.366 ng
RT: 12.22 min Scan# 764
Delta R.T. -0.00 min
Lab File: BE100664.D
Acq: 23 Oct 2019 16:38

Instrument :
BNA_E
ClientSampleId :
PB124100BSD

Tgt Ion:152 Resp: 9411

Ion	Ratio	Lower	Upper
152	100		
151	14.9	14.7	22.1

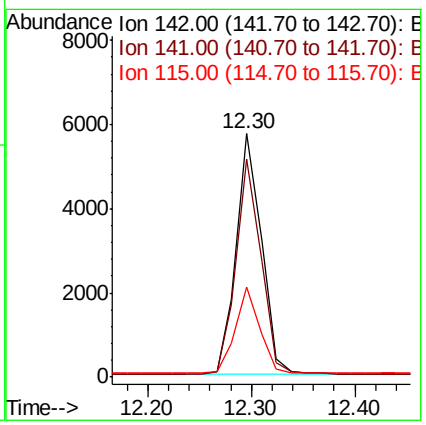


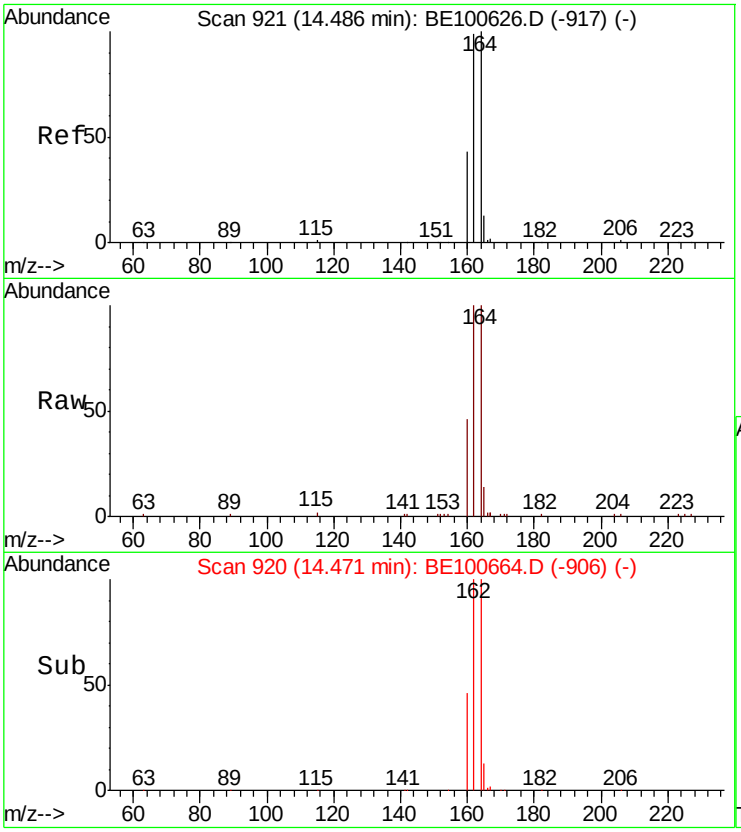


#12
2-Methylnaphthalene
Concen: 0.333 ng
RT: 12.30 min Scan# 769
Delta R.T. -0.00 min
Lab File: BE100664.D
Acq: 23 Oct 2019 16:38

Tgt Ion:142 Resp: 9747

Ion	Ratio	Lower	Upper
142	100		
141	89.5	70.1	105.1
115	37.0	28.3	42.5



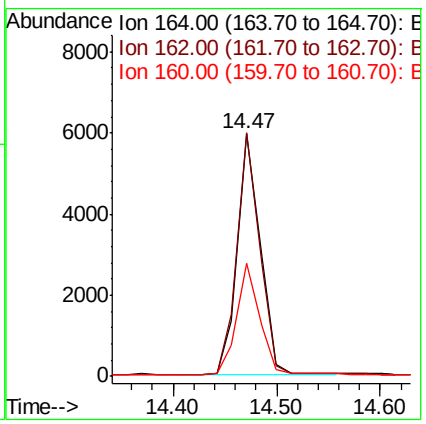


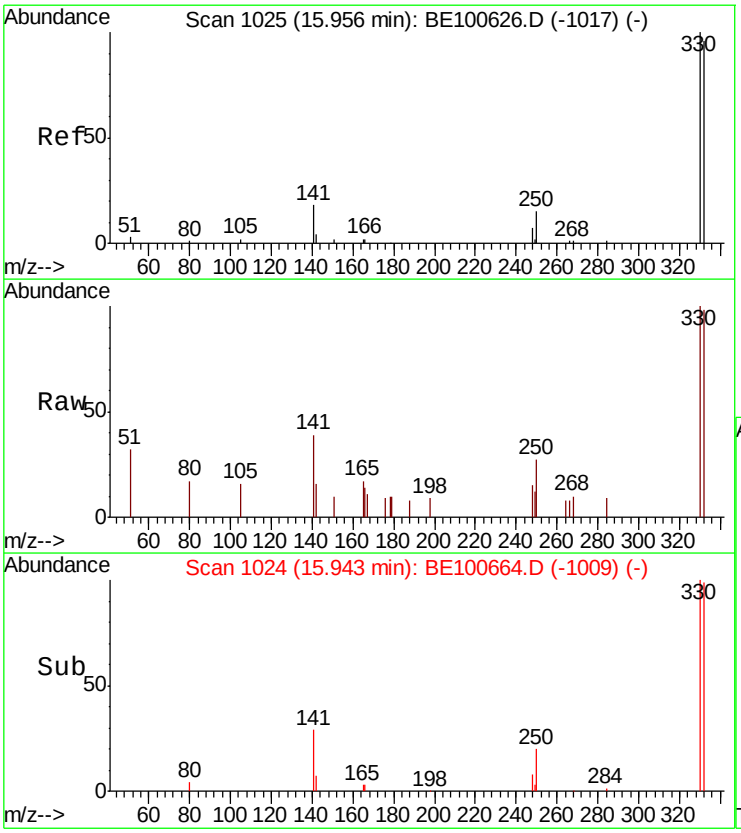
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.47 min Scan# 920
Delta R.T. -0.00 min
Lab File: BE100664.D
Acq: 23 Oct 2019 16:38

Instrument :
BNA_E
ClientSampleId :
PB124100BSD

Tgt Ion:164 Resp: 9031

Ion	Ratio	Lower	Upper
164	100		
162	100.4	82.0	123.0
160	46.6	37.5	56.3

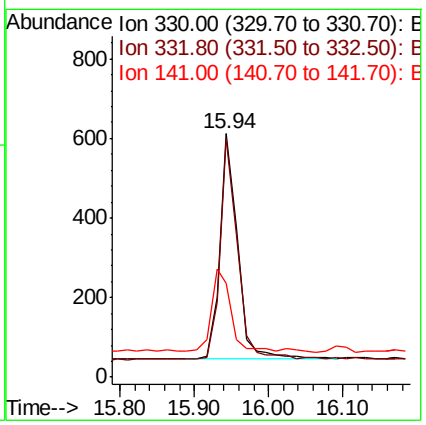


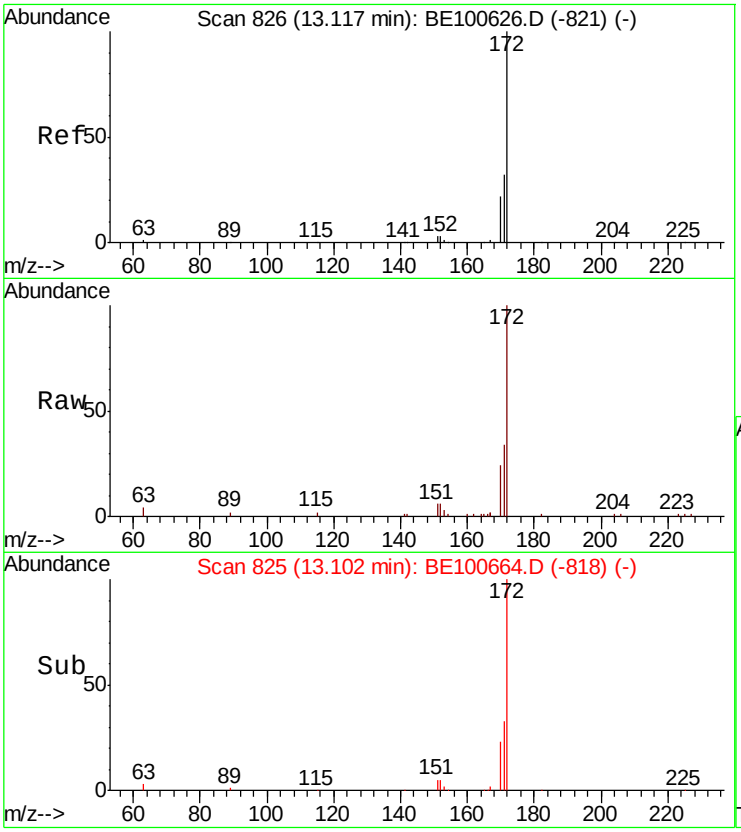


#14
2,4,6-Tribromophenol
Concen: 0.398 ng
RT: 15.94 min Scan# 1024
Delta R.T. 0.00 min
Lab File: BE100664.D
Acq: 23 Oct 2019 16:38

Tgt Ion:330 Resp: 949

Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.9	116.9
141	39.8	33.0	49.6



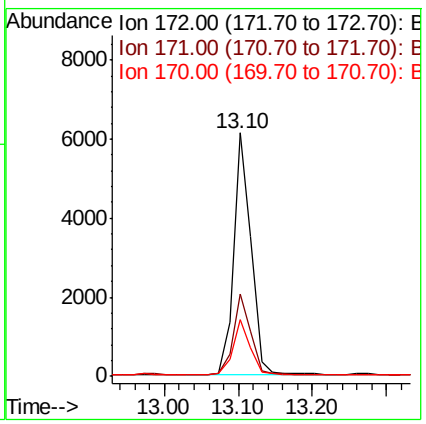


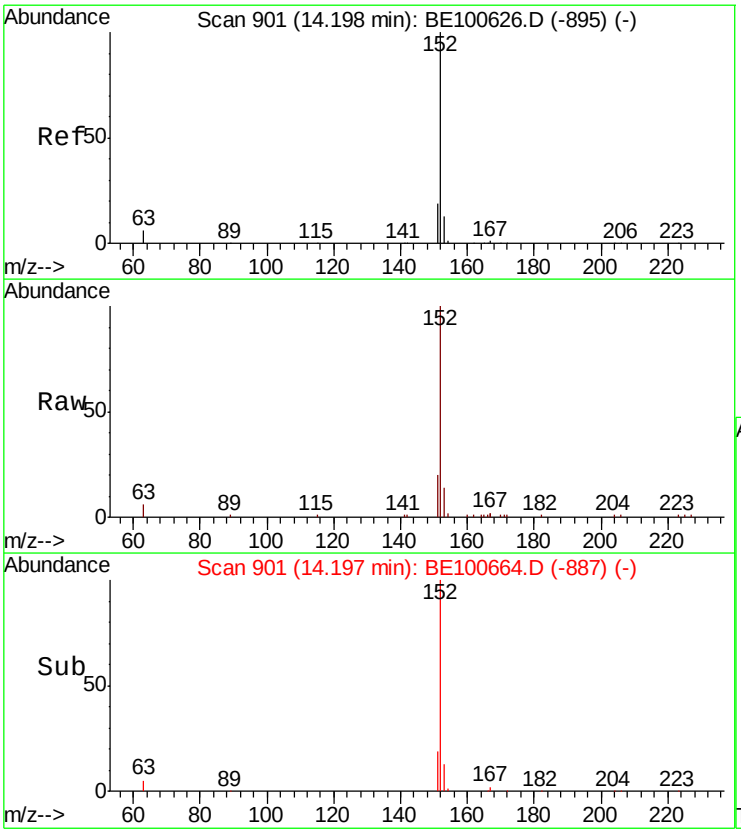
#15
2-Fluorobiphenyl
Concen: 0.299 ng
RT: 13.10 min Scan# 825
Delta R.T. -0.00 min
Lab File: BE100664.D
Acq: 23 Oct 2019 16:38

Instrument :
BNA_E
ClientSampleId :
PB124100BSD

Tgt Ion:172 Resp: 9854

Ion	Ratio	Lower	Upper
172	100		
171	33.6	26.5	39.7
170	23.5	19.0	28.4

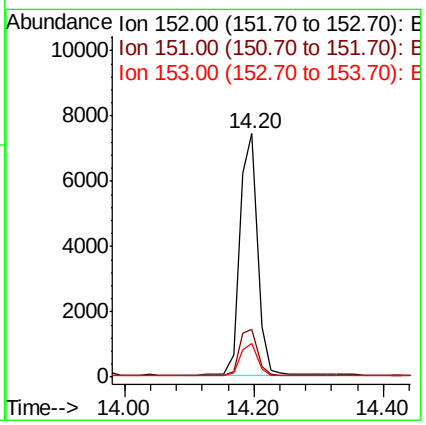


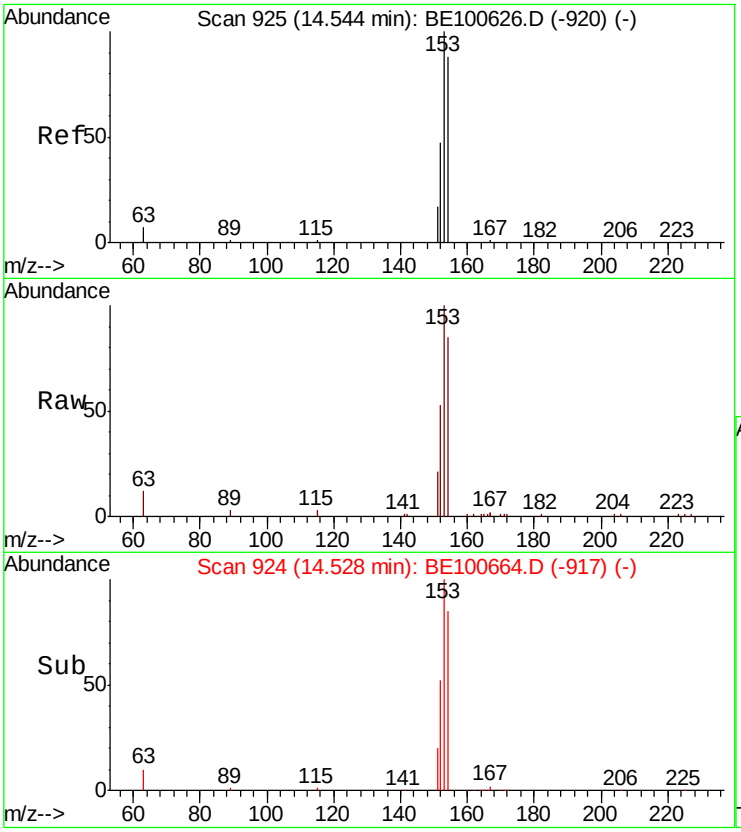


#16
Acenaphthylene
Concen: 0.358 ng
RT: 14.20 min Scan# 901
Delta R.T. -0.00 min
Lab File: BE100664.D
Acq: 23 Oct 2019 16:38

Tgt Ion:152 Resp: 13930

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.2	22.8
153	13.2	10.3	15.5



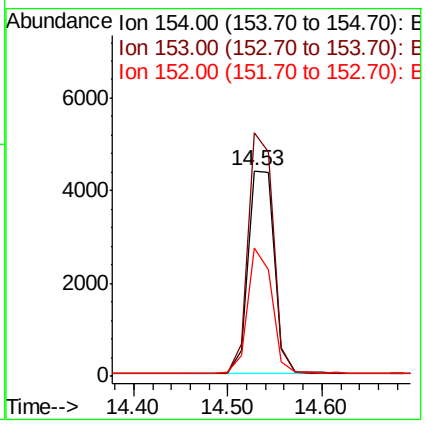


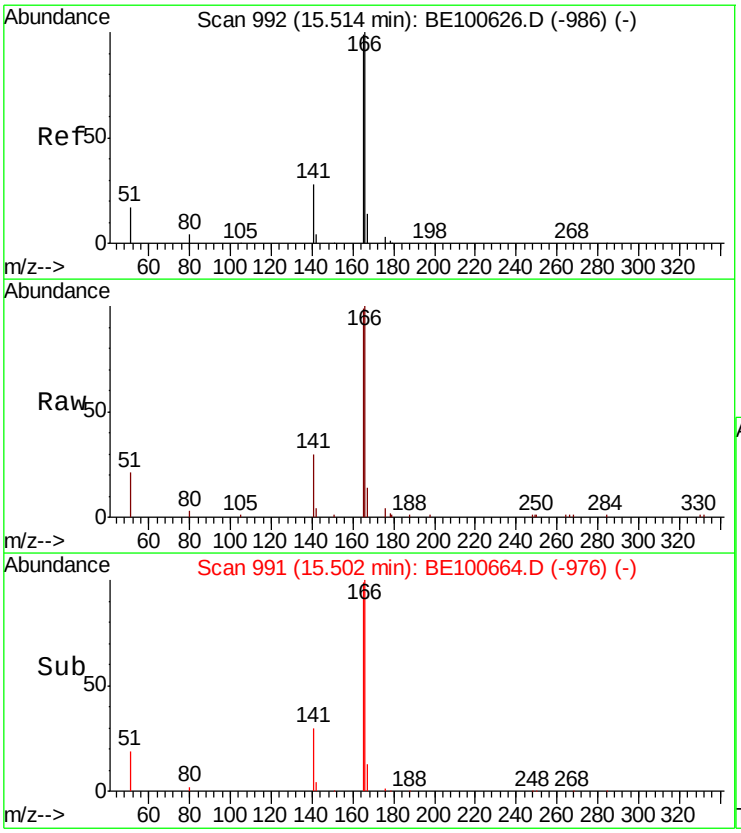
#17
Acenaphthene
Concen: 0.338 ng
RT: 14.53 min Scan# 924
Delta R.T. -0.00 min
Lab File: BE100664.D
Acq: 23 Oct 2019 16:38

Instrument :
BNA_E
ClientSampleId :
PB124100BSD

Tgt Ion:154 Resp: 8484

Ion	Ratio	Lower	Upper
154	100		
153	114.6	89.4	134.2
152	57.5	44.1	66.1

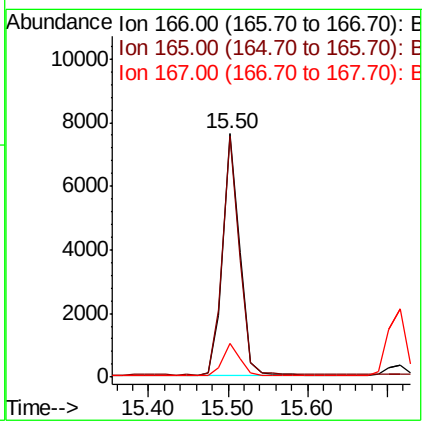


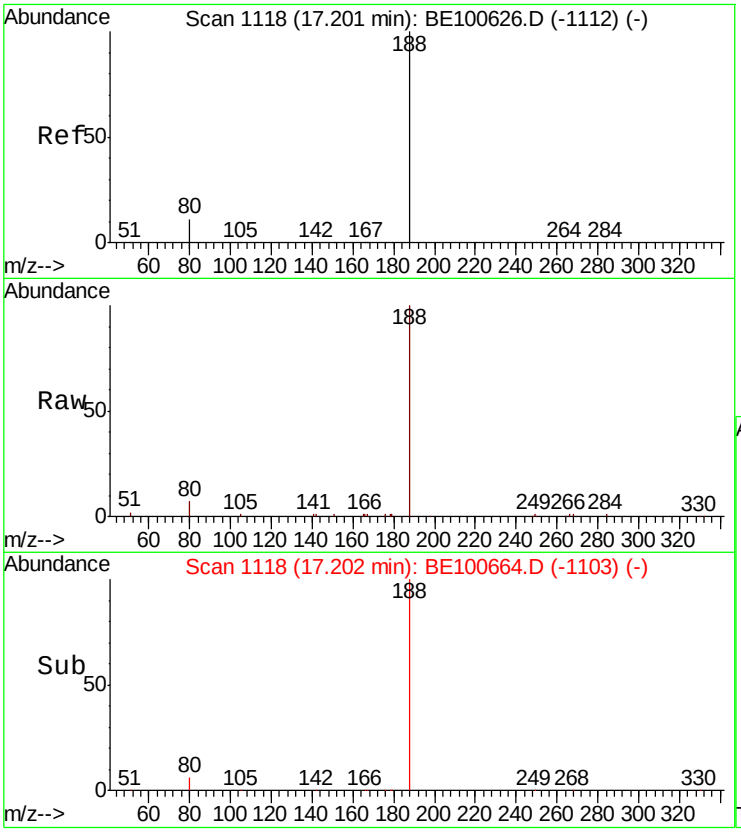


#18
Fluorene
Concen: 0.339 ng
RT: 15.50 min Scan# 991
Delta R.T. 0.00 min
Lab File: BE100664.D
Acq: 23 Oct 2019 16:38

Tgt Ion:166 Resp: 11296

Ion	Ratio	Lower	Upper
166	100		
165	98.5	78.6	117.8
167	13.2	10.9	16.3



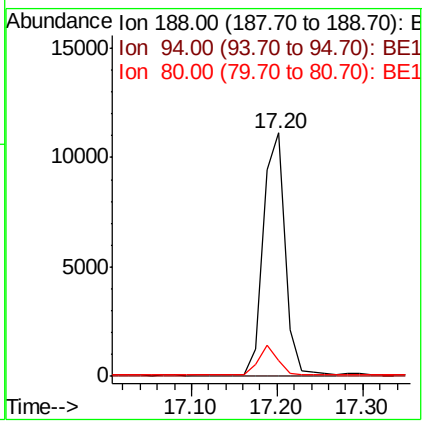


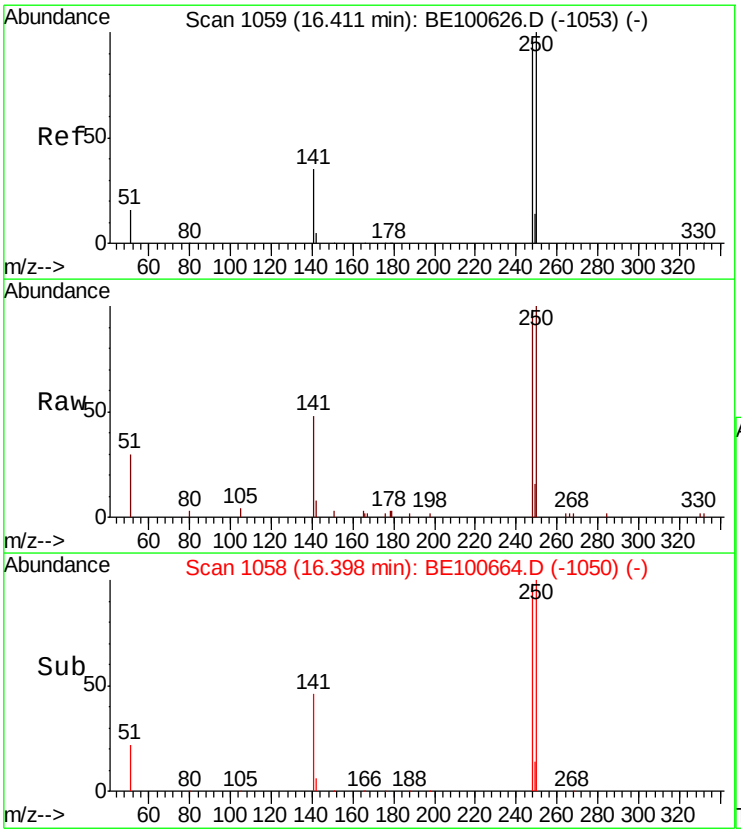
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.20 min Scan# 1118
Delta R.T. 0.00 min
Lab File: BE100664.D
Acq: 23 Oct 2019 16:38

Instrument :
BNA_E
ClientSampleId :
PB124100BSD

Tgt Ion:188 Resp: 19477

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	6.7	5.4	8.0

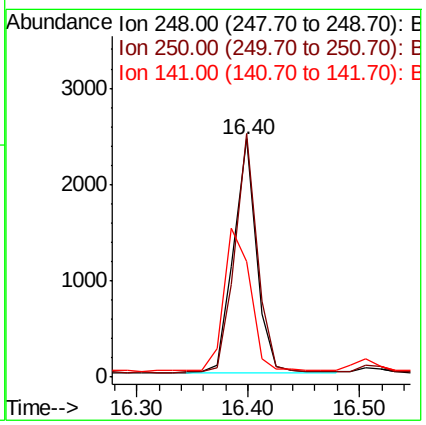


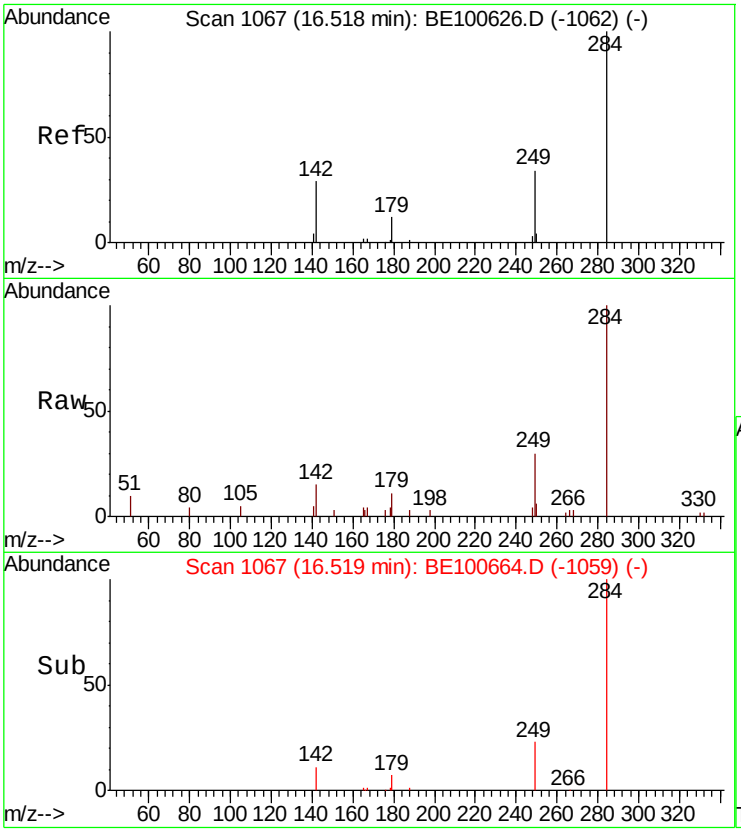


#20
4-Bromophenyl-phenylether
Concen: 0.350 ng
RT: 16.40 min Scan# 1058
Delta R.T. 0.00 min
Lab File: BE100664.D
Acq: 23 Oct 2019 16:38

Tgt Ion:248 Resp: 3472

Ion	Ratio	Lower	Upper
248	100		
250	102.3	76.3	114.5
141	48.6	37.3	55.9



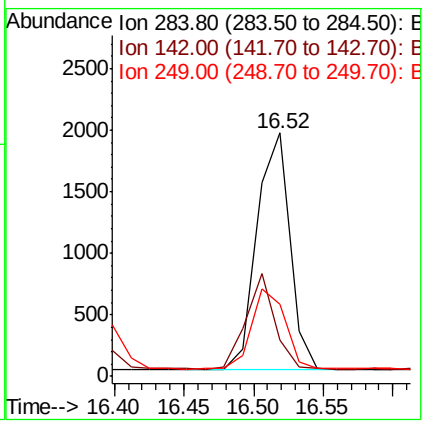


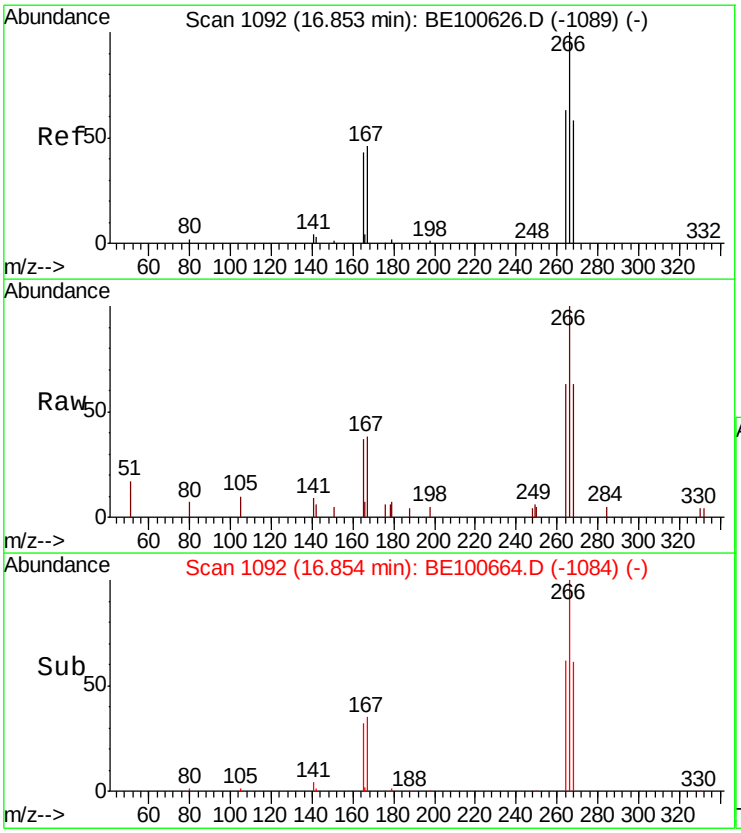
#21
Hexachlorobenzene
Concen: 0.337 ng
RT: 16.52 min Scan# 1067
Delta R.T. 0.00 min
Lab File: BE100664.D
Acq: 23 Oct 2019 16:38

Instrument :
BNA_E
ClientSampleId :
PB124100BSD

Tgt Ion:284 Resp: 3182

Ion	Ratio	Lower	Upper
284	100		
142	35.3	28.6	42.8
249	34.9	26.3	39.5

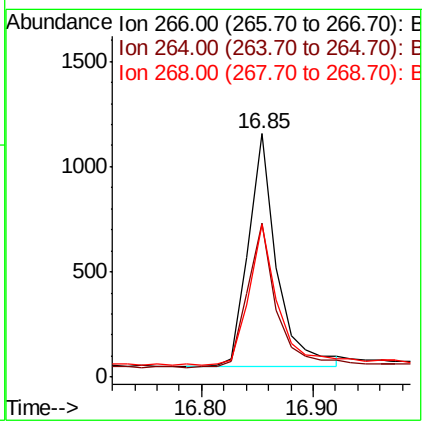


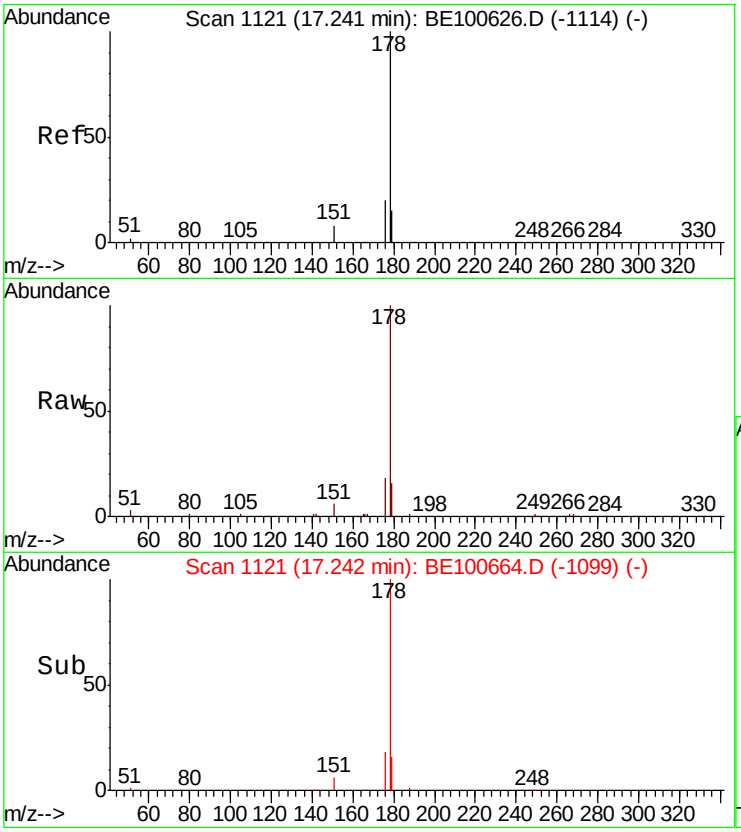


#22
Pentachlorophenol
Concen: 0.648 ng
RT: 16.85 min Scan# 1092
Delta R.T. 0.00 min
Lab File: BE100664.D
Acq: 23 Oct 2019 16:38

Tgt Ion:266 Resp: 1971

Ion	Ratio	Lower	Upper
266	100		
264	63.3	52.2	78.4
268	62.9	53.1	79.7



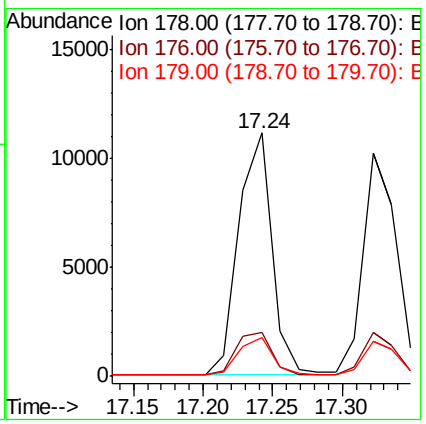


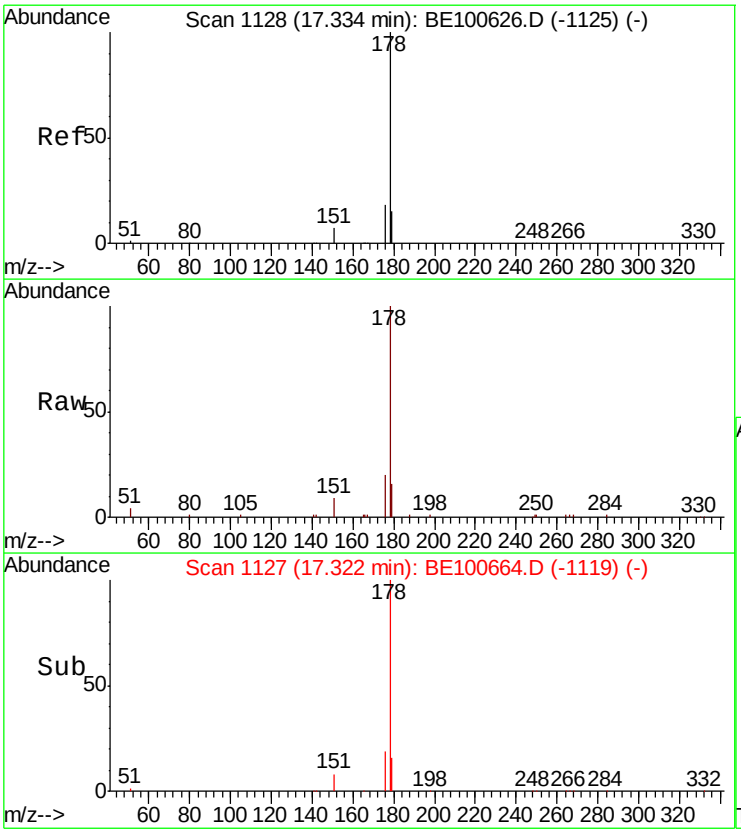
#23
Phenanthrene
Concen: 0.344 ng
RT: 17.24 min Scan# 1121
Delta R.T. 0.00 min
Lab File: BE100664.D
Acq: 23 Oct 2019 16:38

Instrument :
BNA_E
ClientSampleId :
PB124100BSD

Tgt Ion:178 Resp: 18449

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.2	22.8
179	15.5	12.1	18.1

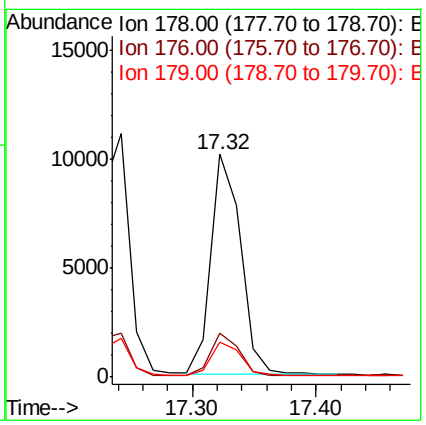


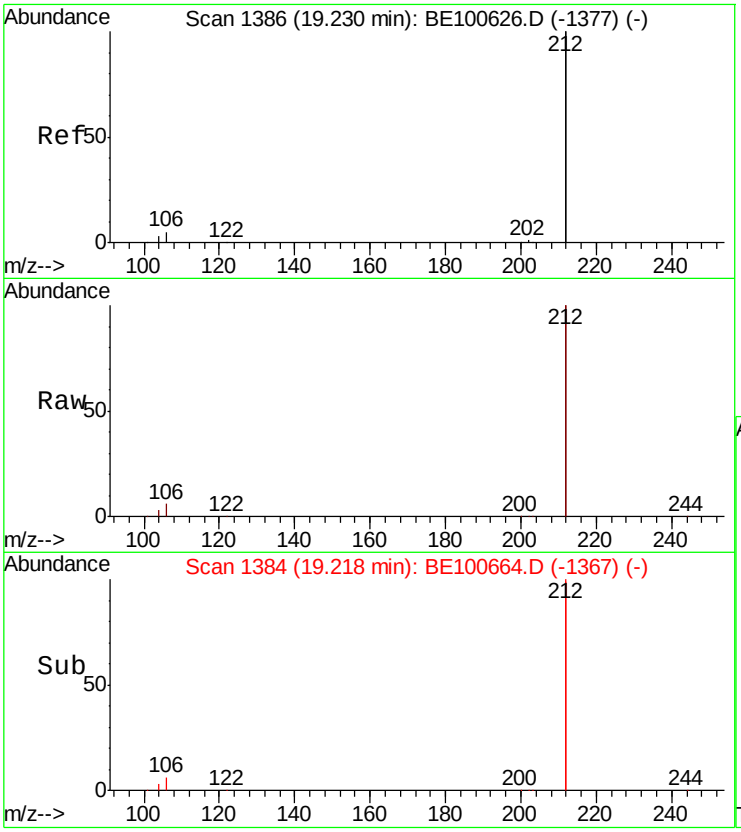


#24
Anthracene
Concen: 0.339 ng
RT: 17.32 min Scan# 1127
Delta R.T. 0.00 min
Lab File: BE100664.D
Acq: 23 Oct 2019 16:38

Tgt Ion:178 Resp: 16854

Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.0	22.4
179	15.4	12.5	18.7



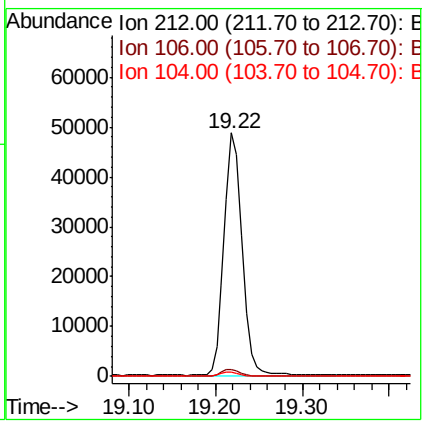


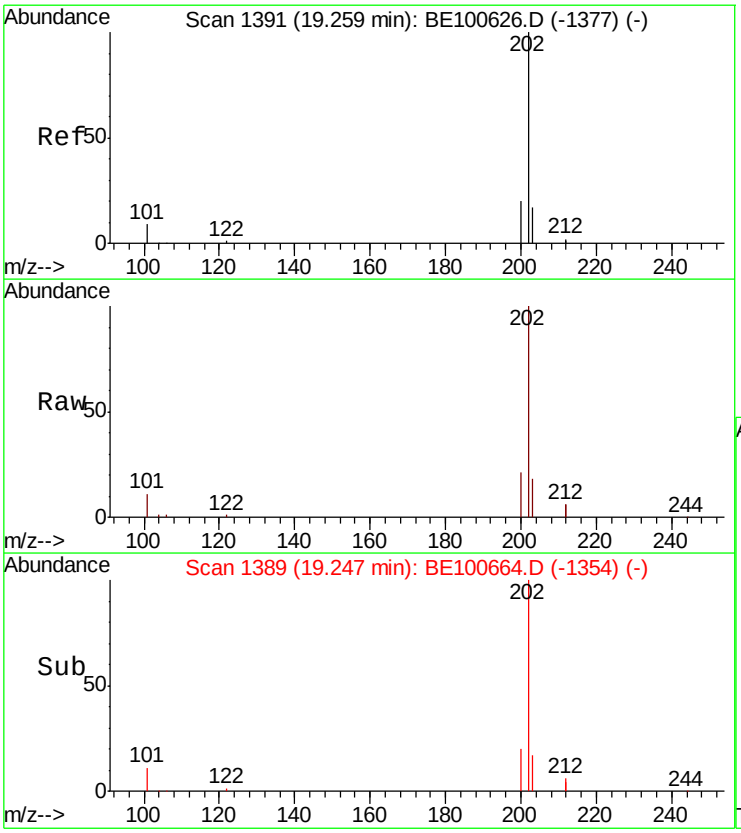
#25
Fluoranthene-d10
Concen: 0.280 ng
RT: 19.22 min Scan# 1384
Delta R.T. -0.00 min
Lab File: BE100664.D
Acq: 23 Oct 2019 16:38

Instrument :
BNA_E
ClientSampleId :
PB124100BSD

Tgt Ion:212 Resp: 70408

Ion	Ratio	Lower	Upper
212	100		
106	2.9	2.3	3.5
104	1.6	1.3	1.9

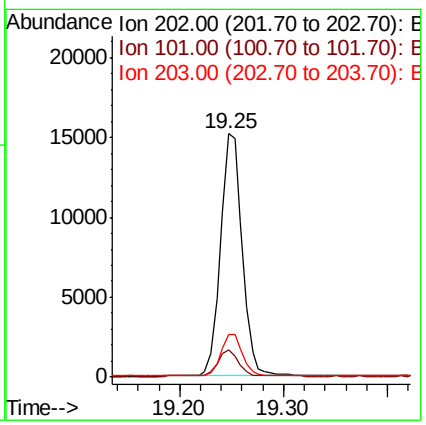


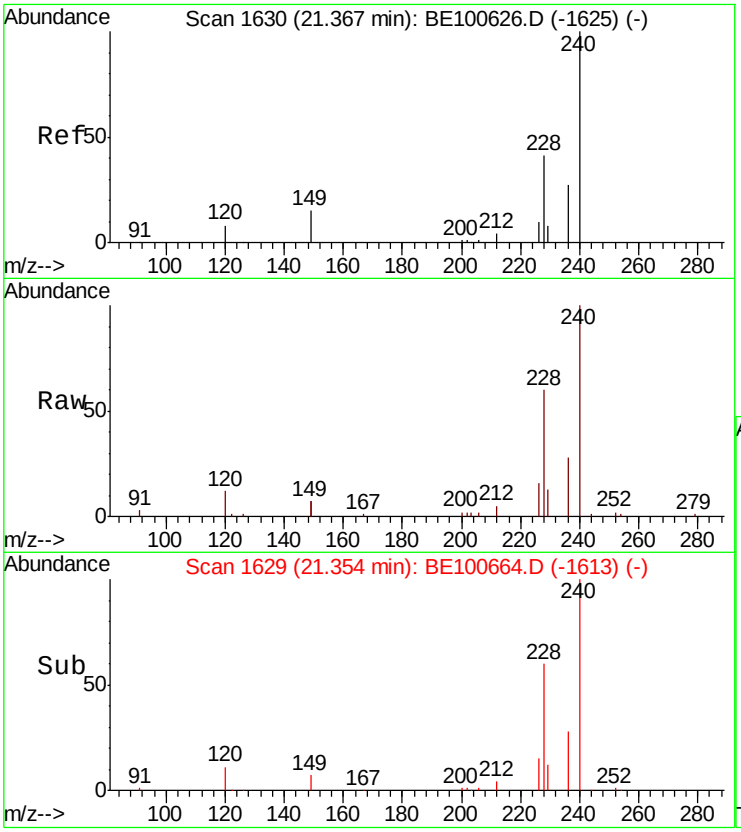


#26
Fluoranthene
Concen: 0.314 ng
RT: 19.25 min Scan# 1389
Delta R.T. -0.00 min
Lab File: BE100664.D
Acq: 23 Oct 2019 16:38

Tgt Ion:202 Resp: 21972

Ion	Ratio	Lower	Upper
202	100		
101	10.5	8.5	12.7
203	17.2	13.8	20.8



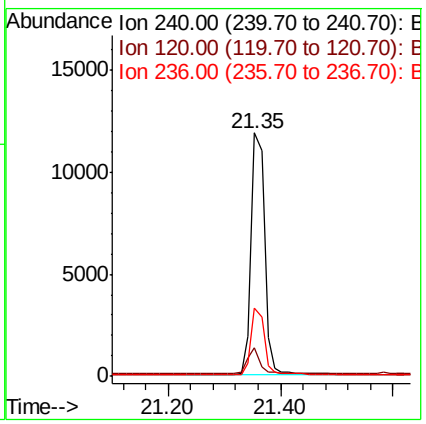


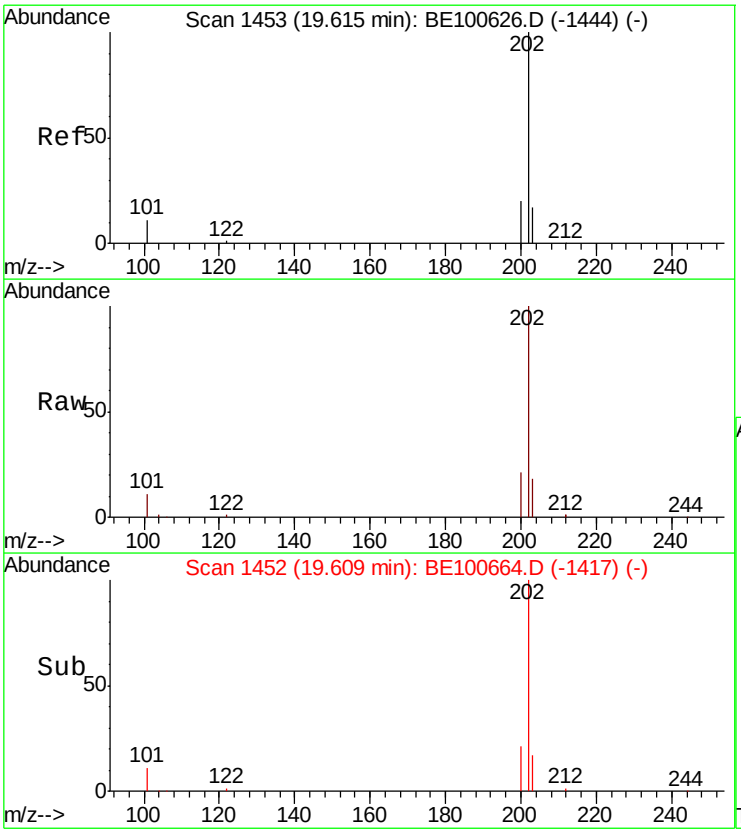
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.35 min Scan# 1629
Delta R.T. -0.00 min
Lab File: BE100664.D
Acq: 23 Oct 2019 16:38

Instrument :
BNA_E
ClientSampleId :
PB124100BSD

Tgt Ion:240 Resp: 20102

Ion	Ratio	Lower	Upper
240	100		
120	11.7	7.6	11.4#
236	28.1	22.1	33.1

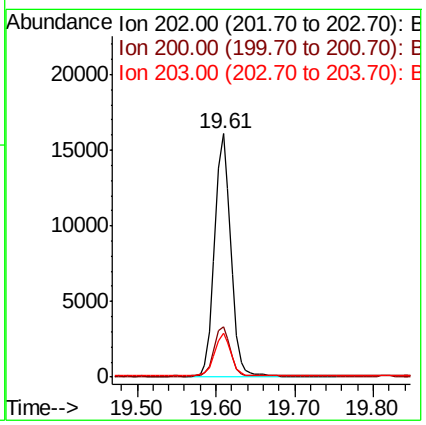


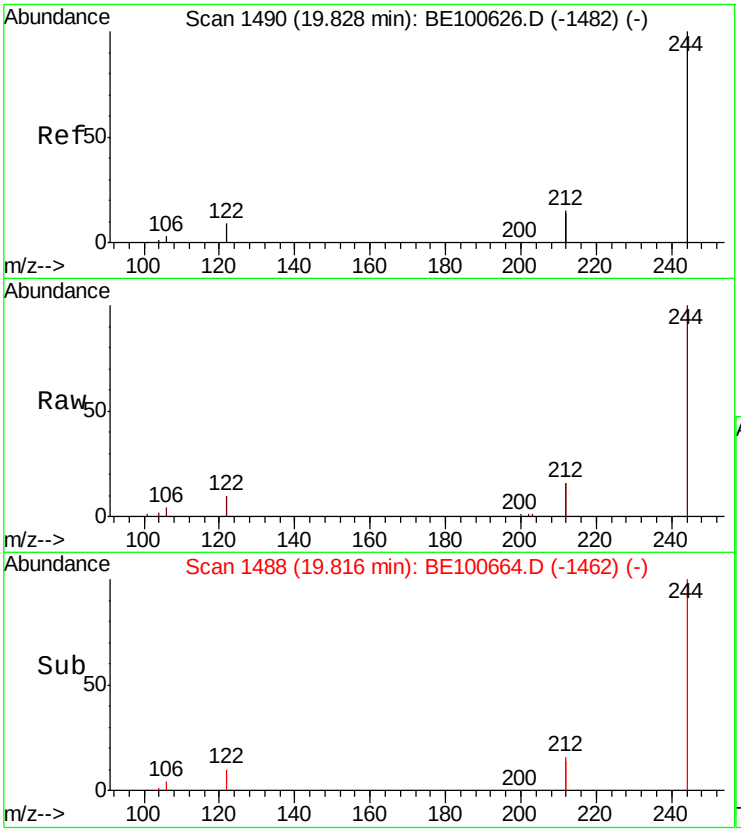


#28
Pyrene
Concen: 0.401 ng
RT: 19.61 min Scan# 1452
Delta R.T. -0.00 min
Lab File: BE100664.D
Acq: 23 Oct 2019 16:38

Tgt Ion:202 Resp: 22494

Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.7	25.1
203	18.3	14.0	21.0



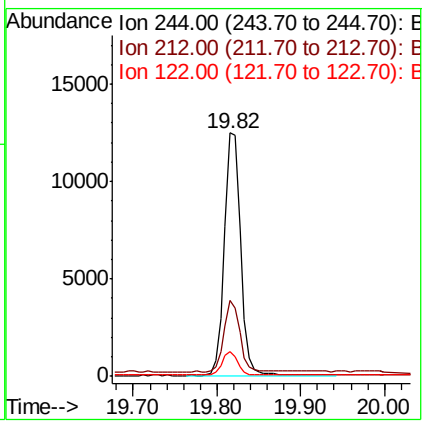


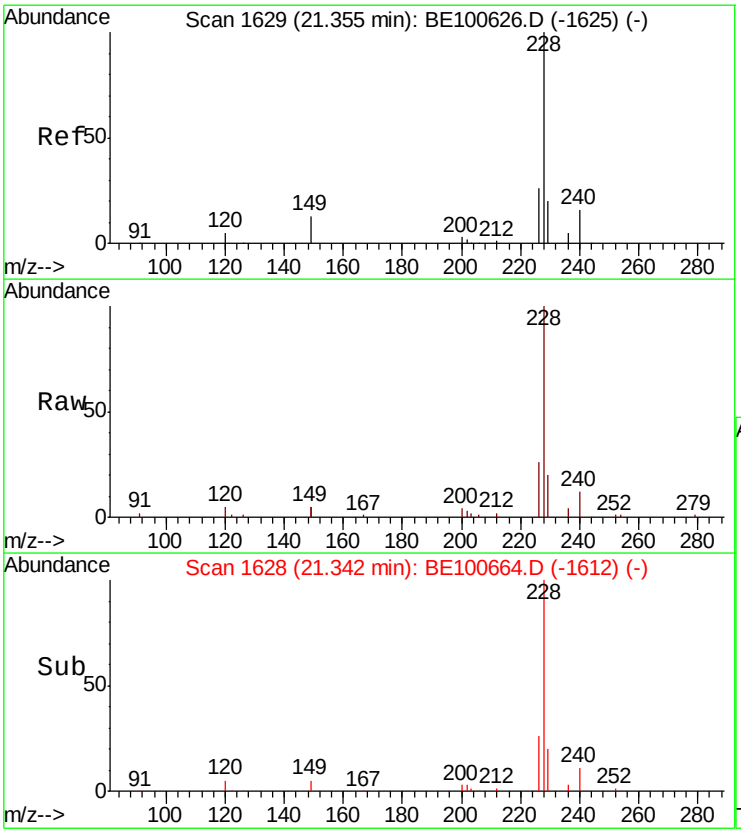
#29
Terphenyl-d14
Concen: 0.383 ng
RT: 19.82 min Scan# 1488
Delta R.T. -0.00 min
Lab File: BE100664.D
Acq: 23 Oct 2019 16:38

Instrument :
BNA_E
ClientSampleId :
PB124100BSD

Tgt Ion:244 Resp: 16829

Ion	Ratio	Lower	Upper
244	100		
212	31.4	23.7	35.5
122	10.2	7.9	11.9

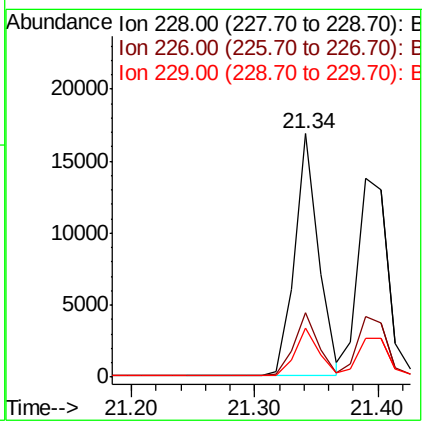


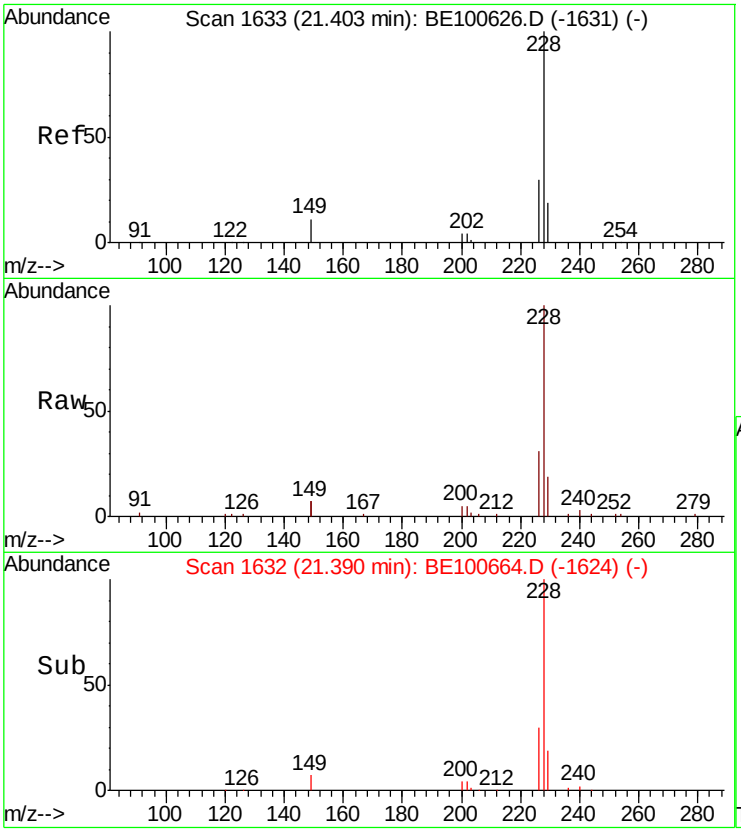


#30
Benzo(a)anthracene
Concen: 0.345 ng
RT: 21.34 min Scan# 1628
Delta R.T. -0.00 min
Lab File: BE100664.D
Acq: 23 Oct 2019 16:38

Tgt Ion:228 Resp: 22607

Ion	Ratio	Lower	Upper
228	100		
226	26.4	21.4	32.0
229	20.1	16.0	24.0



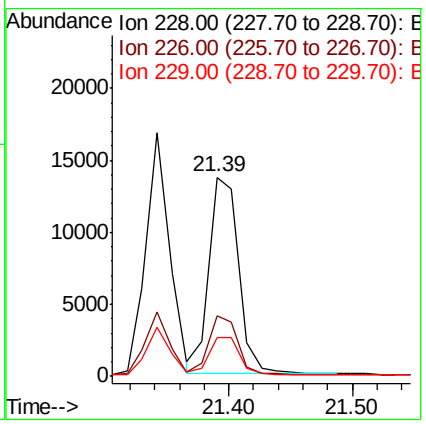


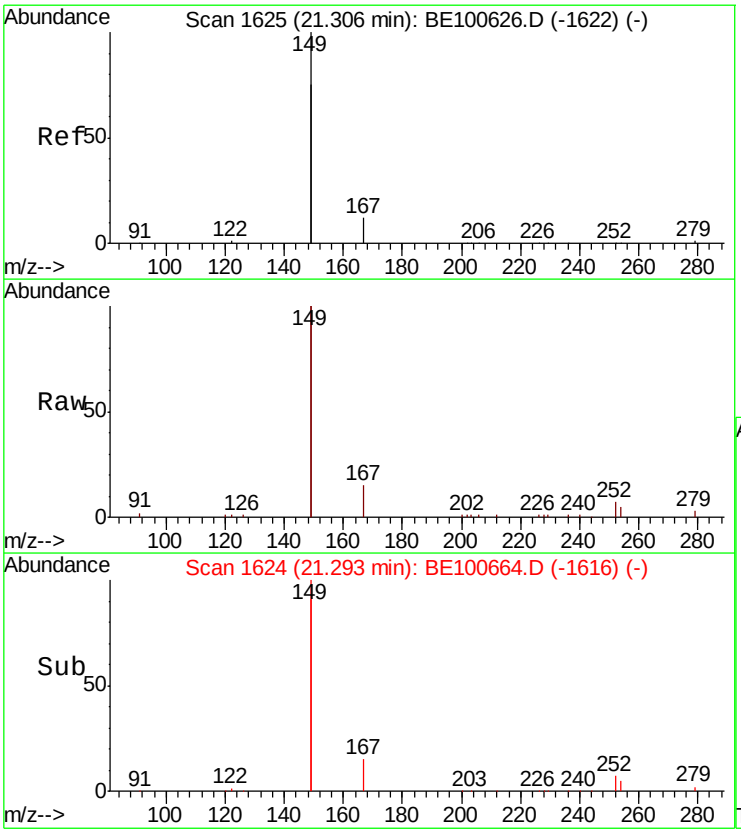
#31
Chrysene
Concen: 0.349 ng
RT: 21.39 min Scan# 1632
Delta R.T. -0.00 min
Lab File: BE100664.D
Acq: 23 Oct 2019 16:38

Instrument :
BNA_E
ClientSampleId :
PB124100BSD

Tgt Ion:228 Resp: 22880

Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.6	37.0
229	19.4	15.8	23.8

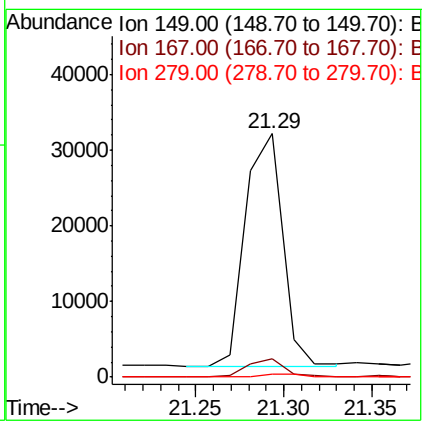


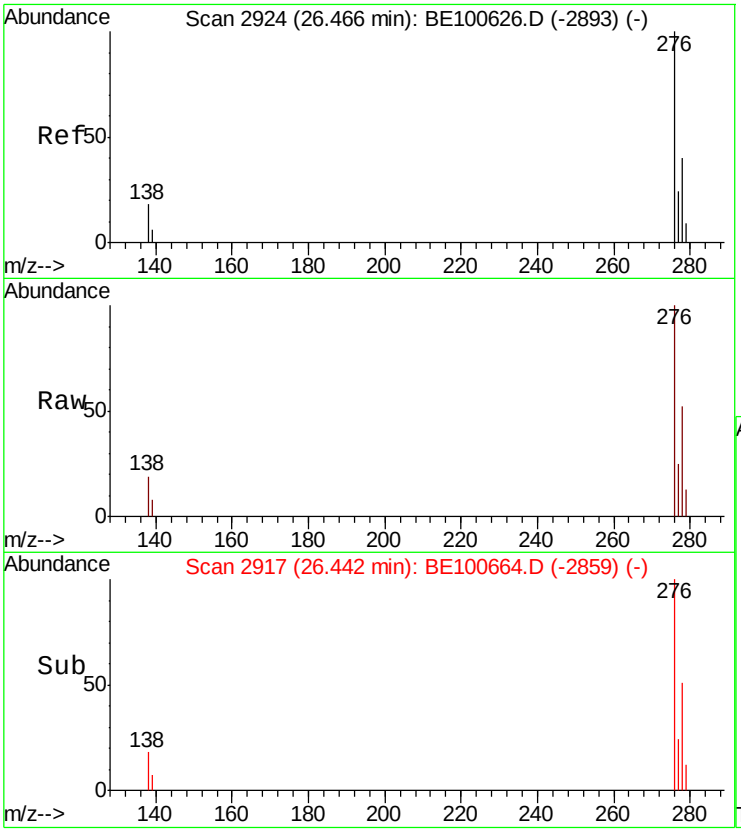


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.329 ng
RT: 21.29 min Scan# 1624
Delta R.T. -0.00 min
Lab File: BE100664.D
Acq: 23 Oct 2019 16:38

Tgt Ion:149 Resp: 45115

Ion	Ratio	Lower	Upper
149	100		
167	7.1	5.5	8.3
279	1.0	0.9	1.3



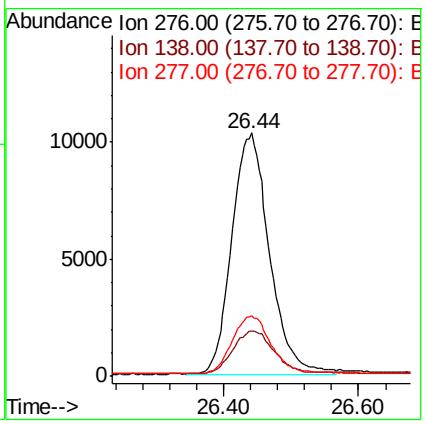


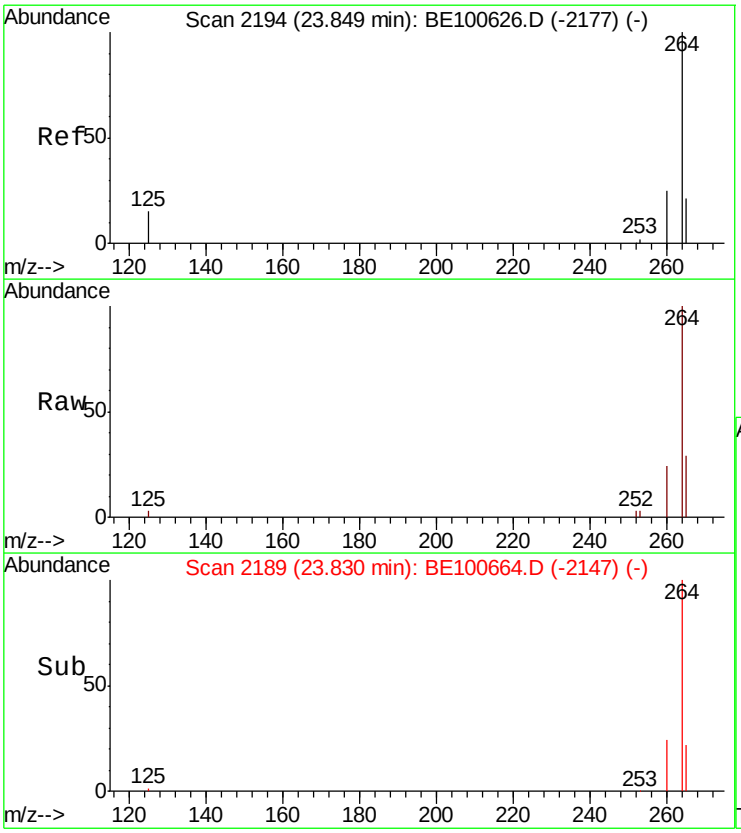
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.495 ng
RT: 26.44 min Scan# 2917
Delta R.T. 0.01 min
Lab File: BE100664.D
Acq: 23 Oct 2019 16:38

Instrument :
BNA_E
ClientSampleId :
PB124100BSD

Tgt Ion:276 Resp: 39848

Ion	Ratio	Lower	Upper
276	100		
138	19.3	15.3	22.9
277	24.6	19.4	29.2

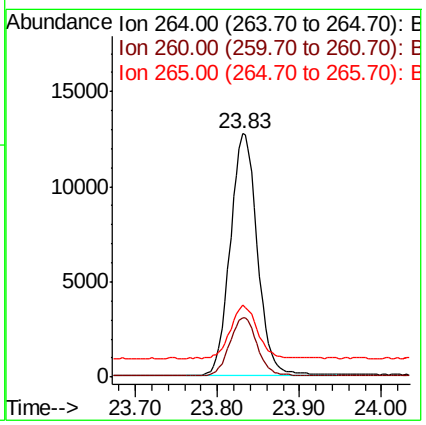


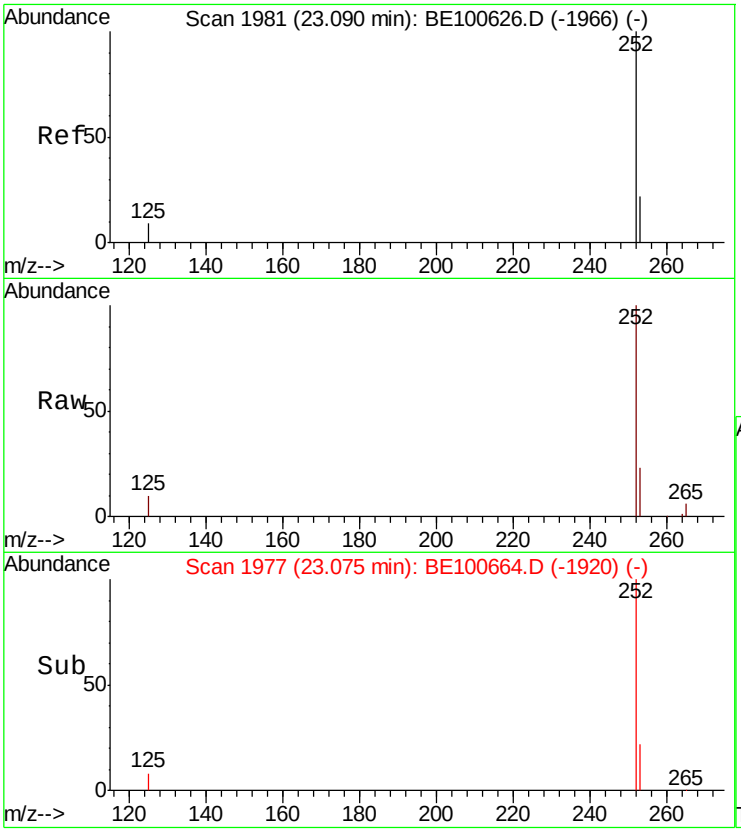


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.83 min Scan# 2189
Delta R.T. -0.00 min
Lab File: BE100664.D
Acq: 23 Oct 2019 16:38

Tgt Ion:264 Resp: 29058

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.4	29.2
265	29.4	21.7	32.5



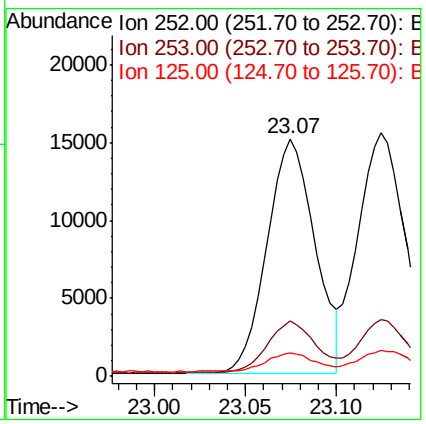


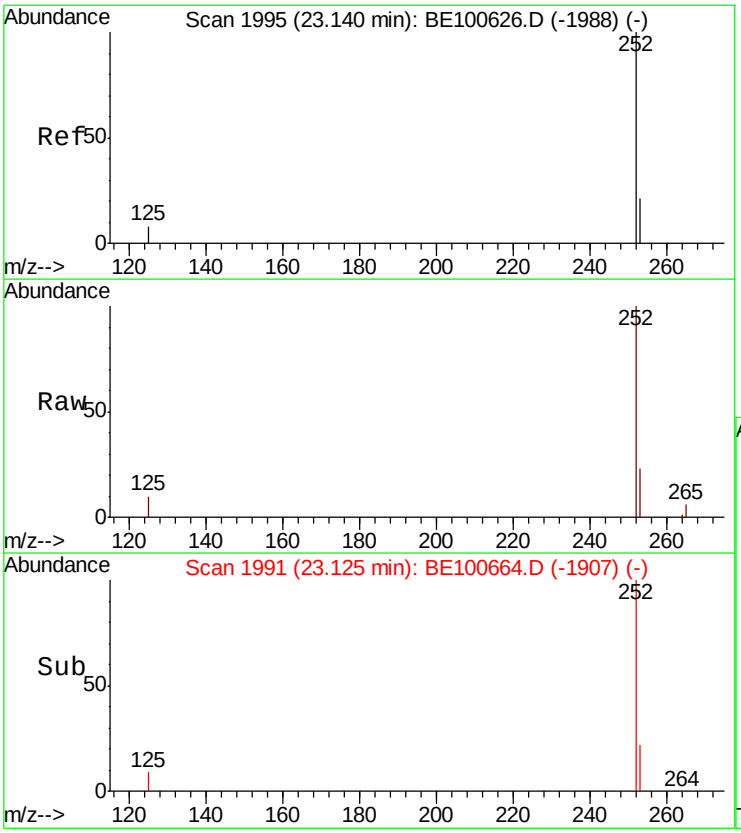
#35
Benzo(b)fluoranthene
Concen: 0.324 ng
RT: 23.07 min Scan# 1977
Delta R.T. 0.00 min
Lab File: BE100664.D
Acq: 23 Oct 2019 16:38

Instrument :
BNA_E
ClientSampleId :
PB124100BSD

Tgt Ion:252 Resp: 27484

Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.4	27.6
125	9.7	7.6	11.4

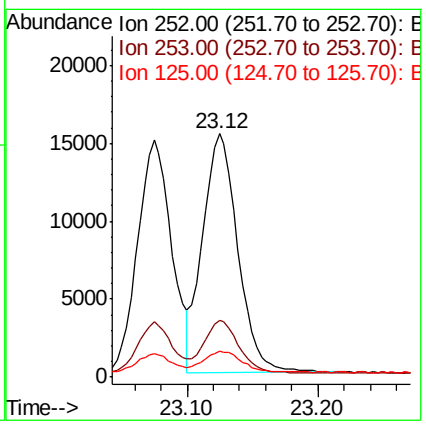


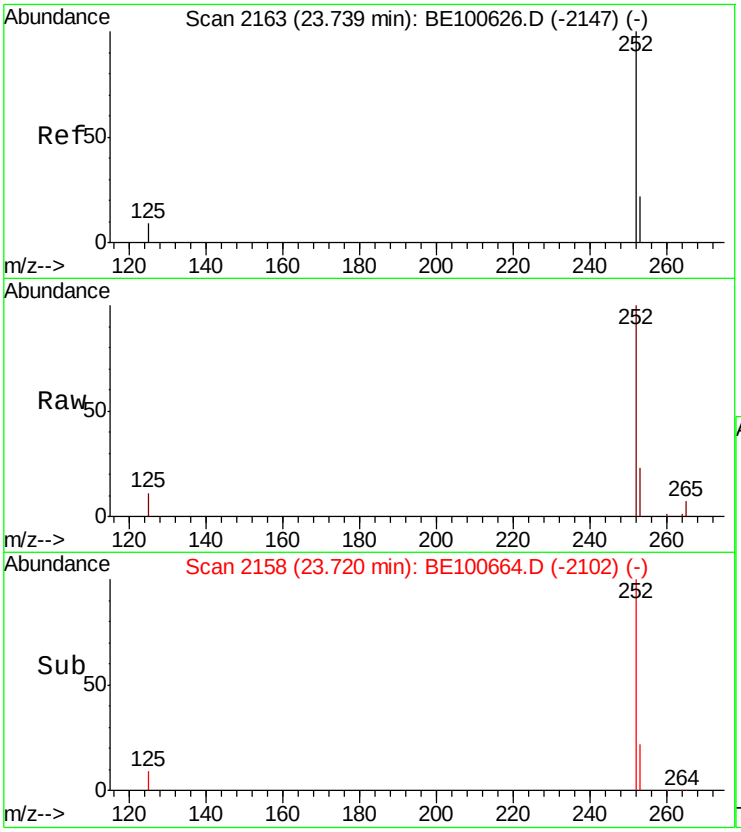


#36
Benzo(k)fluoranthene
Concen: 0.330 ng
RT: 23.12 min Scan# 1991
Delta R.T. -0.00 min
Lab File: BE100664.D
Acq: 23 Oct 2019 16:38

Tgt Ion:252 Resp: 28788

Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.4	27.6
125	10.5	11.6	17.4#



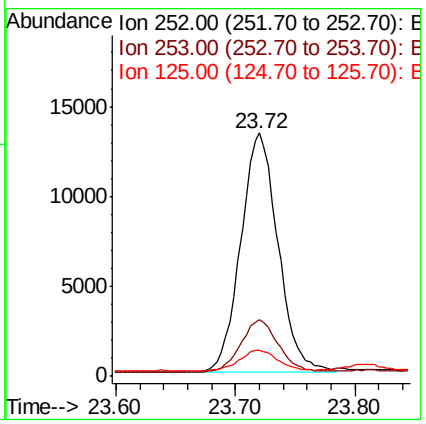


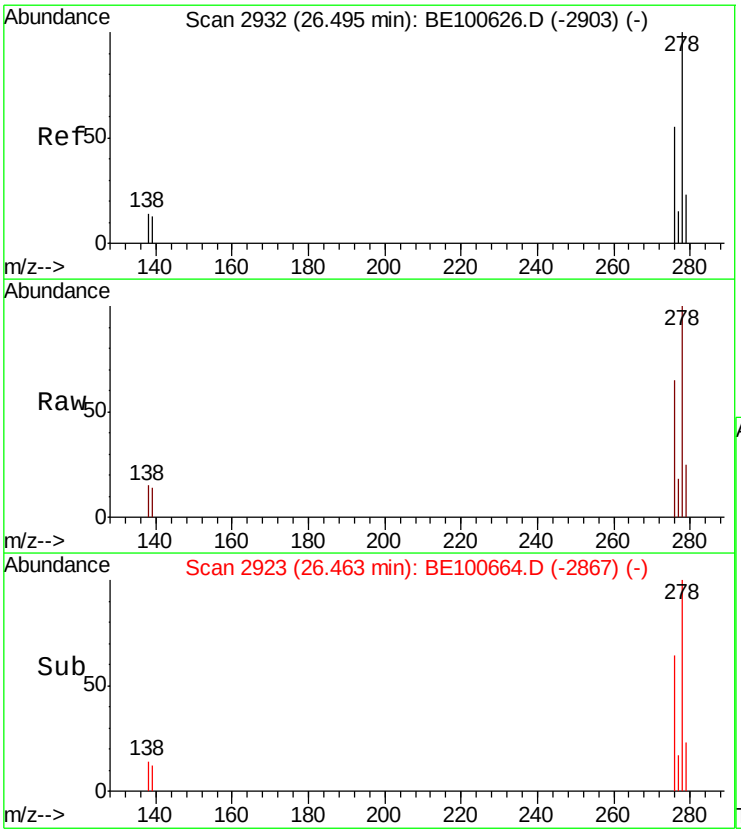
#37
Benzo(a)pyrene
Concen: 0.367 ng
RT: 23.72 min Scan# 2158
Delta R.T. -0.00 min
Lab File: BE100664.D
Acq: 23 Oct 2019 16:38

Instrument :
BNA_E
ClientSampleId :
PB124100BSD

Tgt Ion:252 Resp: 28958

Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.4	27.6
125	10.8	8.2	12.4

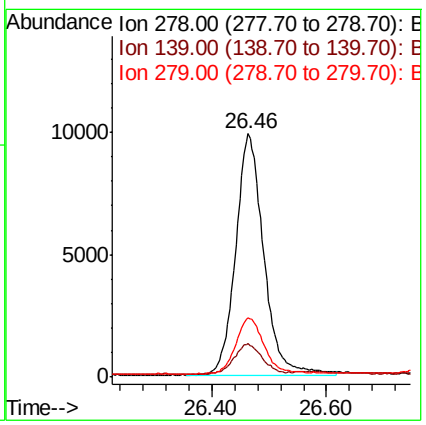


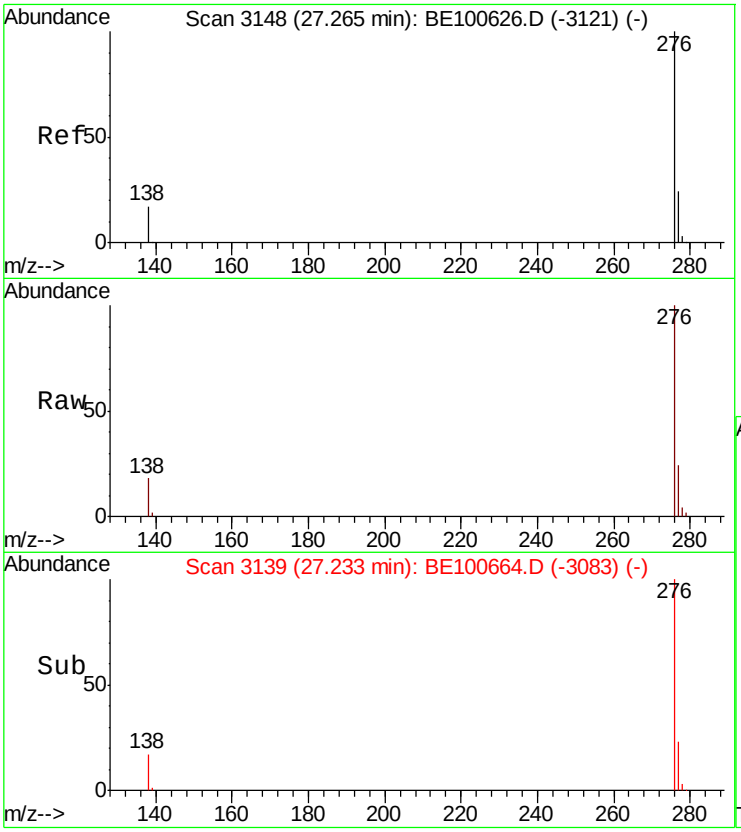


#38
Dibenzo(a,h)anthracene
Concen: 0.409 ng
RT: 26.46 min Scan# 2923
Delta R.T. 0.00 min
Lab File: BE100664.D
Acq: 23 Oct 2019 16:38

Tgt Ion:278 Resp: 33368

Ion	Ratio	Lower	Upper
278	100		
139	13.6	10.9	16.3
279	24.6	19.4	29.2





#39
Benzo(g,h,i)perylene
Concen: 0.415 ng
RT: 27.23 min Scan# 3139
Delta R.T. 0.00 min
Lab File: BE100664.D
Acq: 23 Oct 2019 16:38

Instrument :
BNA_E
ClientSampleId :
PB124100BSD

Tgt Ion:276 Resp: 34059

Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.4	29.0
138	17.7	13.6	20.4